

# Reading/Math Materials

Randomly Arranged Letters 1

r t x l z e s

n i k v a h u

w g b p r d m

y j t c e d o

r f v u z s n

i k x y a n u

w g p r d m y

j t c q d o f

v l z e s n i

Randomly Arranged Letters 2

r t v l z e s

f g p r d m y

j t c q d o f

v l z e s n i

k x y h u a g

b p r d m y j

r t v l z e s

n i k x a h u

r t x l z e s

Randomly Arranged Letters 3

n i k v a h u

w g b p r d m

y j t c e d o

r f v b z s n

n i k x a h u

r t x m z e s

h i k v a h u

w g b p r d m

y j t c e d o

r f v l z s n

i k x y a h u

f g p r d m y

j t c q d o f

v l z e s r i

k x y h u w g

r t x d z e s

o j f v t h q

w g b p r d m

i k x y a h u

f g p r d m y

j t c q d o f

v a z e s n i

k x y h u w g

o j f v t h q

w g b p r d m

y j t c e d o

r f v e z s n

Addition/subtraction sums to 10

$$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

**KEY**

$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	<b>7</b>
$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$	$\begin{array}{r} 6 \\ -0 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array}$	<b>13</b>
$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>20</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>26</b>
$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array}$	<b>33</b>
$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	<b>39</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline 0 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>45</b>

$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$
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$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$
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$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$
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$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$
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Addition/subtraction sums to 10

$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline 0 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	<b>7</b>
$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 0 \\ +5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$	<b>13</b>
$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline 4 \end{array}$	<b>19</b>
$\begin{array}{r} 10 \\ -8 \\ \hline 2 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>26</b>
$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>32</b>
$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline 3 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline 9 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	<b>38</b>
$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline 4 \end{array}$	<b>45</b>

Addition/subtraction sums to 10

$$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

Addition/subtraction sums to 10

$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array}$	<b>8</b>
$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	<b>14</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ -4 \\ \hline 8 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>20</b>
$\begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	<b>27</b>
$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline 4 \end{array}$	<b>33</b>
$\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline 4 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>39</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>45</b>

Addition/subtraction sums to 10

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$\frac{2}{+3}$ <b>5</b>	$\frac{2}{+7}$ <b>9</b>	$\frac{0}{+9}$ <b>9</b>	$\frac{7}{-0}$ <b>7</b>	$\frac{9}{-8}$ <b>1</b>	$\frac{3}{-3}$ <b>0</b>	<b>6</b>
$\frac{4}{+3}$ <b>7</b>	$\frac{9}{-5}$ <b>4</b>	$\frac{3}{+7}$ <b>10</b>	$\frac{9}{-4}$ <b>5</b>	$\frac{8}{+2}$ <b>10</b>	$\frac{5}{+4}$ <b>9</b>	<b>14</b>
$\frac{5}{-2}$ <b>3</b>	$\frac{8}{-5}$ <b>3</b>	$\frac{0}{+7}$ <b>7</b>	$\frac{7}{+2}$ <b>9</b>	$\frac{9}{-6}$ <b>3</b>	$\frac{8}{-5}$ <b>3</b>	<b>20</b>
$\frac{1}{+6}$ <b>7</b>	$\frac{1}{-0}$ <b>1</b>	$\frac{4}{+5}$ <b>9</b>	$\frac{1}{+0}$ <b>1</b>	$\frac{4}{-4}$ <b>0</b>	$\frac{6}{-2}$ <b>4</b>	<b>26</b>
$\frac{10}{-9}$ <b>1</b>	$\frac{6}{-5}$ <b>1</b>	$\frac{8}{+1}$ <b>9</b>	$\frac{4}{+0}$ <b>4</b>	$\frac{10}{-4}$ <b>6</b>	$\frac{2}{+2}$ <b>4</b>	<b>32</b>
$\frac{6}{-6}$ <b>0</b>	$\frac{7}{+1}$ <b>8</b>	$\frac{9}{+0}$ <b>9</b>	$\frac{5}{+4}$ <b>9</b>	$\frac{10}{-3}$ <b>7</b>	$\frac{4}{+3}$ <b>7</b>	<b>38</b>
$\frac{9}{+1}$ <b>10</b>	$\frac{5}{-5}$ <b>0</b>	$\frac{7}{-1}$ <b>6</b>	$\frac{8}{-8}$ <b>0</b>	$\frac{7}{-2}$ <b>5</b>	$\frac{3}{+1}$ <b>4</b>	<b>45</b>

<b>1</b>	<b>9</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>6</b>
<b><u>+6</u></b>	<b><u>-0</u></b>	<b><u>+5</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>+2</u></b>

<b>7</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>19</b>	<b>10</b>
<b><u>+9</u></b>	<b><u>+5</u></b>	<b><u>-7</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>-2</u></b>

<b>6</b>	<b>7</b>	<b>9</b>	<b>5</b>	<b>10</b>	<b>4</b>
<b><u>+6</u></b>	<b><u>-7</u></b>	<b><u>-0</u></b>	<b><u>+4</u></b>	<b><u>+3</u></b>	<b><u>+9</u></b>

<b>6</b>	<b>9</b>	<b>10</b>	<b>16</b>	<b>5</b>	<b>3</b>
<b><u>+8</u></b>	<b><u>-3</u></b>	<b><u>-9</u></b>	<b><u>-0</u></b>	<b><u>-5</u></b>	<b><u>+8</u></b>

<b>9</b>	<b>5</b>	<b>17</b>	<b>13</b>	<b>7</b>	<b>3</b>
<b><u>+1</u></b>	<b><u>-5</u></b>	<b><u>-9</u></b>	<b><u>-8</u></b>	<b><u>-2</u></b>	<b><u>+1</u></b>

<b>5</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>3</b>
<b><u>-3</u></b>	<b><u>+7</u></b>	<b><u>+9</u></b>	<b><u>-0</u></b>	<b><u>-8</u></b>	<b><u>-3</u></b>

$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 14 \\ +5 \\ \hline 19 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	<b>8</b>
$\begin{array}{r} 7 \\ +9 \\ \hline 16 \end{array}$	$\begin{array}{r} 10 \\ +5 \\ \hline 15 \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 19 \\ -4 \\ \hline 15 \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$	<b>17</b>
$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$	$\begin{array}{r} 10 \\ +3 \\ \hline 13 \end{array}$	$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	<b>26</b>
$\begin{array}{r} 6 \\ +8 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$	$\begin{array}{r} 16 \\ -0 \\ \hline 16 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +8 \\ \hline 11 \end{array}$	<b>35</b>
$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>43</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>51</b>

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	<b>10</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline 19 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>18</b>
$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$	<b>26</b>
$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 15 \\ +4 \\ \hline 19 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 14 \\ +3 \\ \hline 17 \end{array}$	<b>35</b>
$\begin{array}{r} 16 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline 19 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>43</b>
$\begin{array}{r} 19 \\ +1 \\ \hline 20 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 17 \\ -3 \\ \hline 14 \end{array}$	$\begin{array}{r} 13 \\ +6 \\ \hline 19 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>52</b>
$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	<b>58</b>

$\begin{array}{r} 14 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$
--	--	--	--	---	--

$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -5 \\ \hline \end{array}$
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$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$
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$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline \end{array}$
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$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +3 \\ \hline \end{array}$
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$\begin{array}{r} 14 \\ -9 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ +4 \\ \hline 13 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	<b>8</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>16</b>
$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	<b>26</b>
$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 19 \\ -6 \\ \hline 13 \end{array}$	$\begin{array}{r} 18 \\ -5 \\ \hline 13 \end{array}$	<b>35</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline 19 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>43</b>
$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$	<b>51</b>
$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 15 \\ +4 \\ \hline 19 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 14 \\ +3 \\ \hline 17 \end{array}$	<b>60</b>

<b>16</b>	<b>9</b>	<b>10</b>	<b>1</b>	<b>5</b>	<b>3</b>
<b><u>-8</u></b>	<b><u>+3</u></b>	<b><u>+9</u></b>	<b><u>-0</u></b>	<b><u>-5</u></b>	<b><u>+2</u></b>

<b>9</b>	<b>5</b>	<b>7</b>	<b>13</b>	<b>7</b>	<b>3</b>
<b><u>+1</u></b>	<b><u>-5</u></b>	<b><u>-1</u></b>	<b><u>-8</u></b>	<b><u>-2</u></b>	<b><u>+1</u></b>

<b>2</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>15</b>	<b>3</b>
<b><u>+3</u></b>	<b><u>+7</u></b>	<b><u>+9</u></b>	<b><u>-0</u></b>	<b><u>-8</u></b>	<b><u>-3</u></b>

<b>4</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>5</b>
<b><u>+9</u></b>	<b><u>-5</u></b>	<b><u>+7</u></b>	<b><u>-4</u></b>	<b><u>+2</u></b>	<b><u>+8</u></b>

<b>5</b>	<b>8</b>	<b>0</b>	<b>8</b>	<b>19</b>	<b>18</b>
<b><u>-2</u></b>	<b><u>-5</u></b>	<b><u>+7</u></b>	<b><u>+9</u></b>	<b><u>-6</u></b>	<b><u>-5</u></b>

<b>11</b>	<b>1</b>	<b>4</b>	<b>19</b>	<b>14</b>	<b>6</b>
<b><u>+6</u></b>	<b><u>-0</u></b>	<b><u>+5</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>-2</u></b>

<b>17</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>10</b>	<b>10</b>
<b><u>-9</u></b>	<b><u>-5</u></b>	<b><u>+7</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>+2</u></b>

$\begin{array}{r} 16 \\ -8 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline 19 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>8</b>
$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>15</b>
$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>23</b>
$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	<b>33</b>
$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 19 \\ -6 \\ \hline 13 \end{array}$	$\begin{array}{r} 18 \\ -5 \\ \hline 13 \end{array}$	<b>42</b>
$\begin{array}{r} 11 \\ +6 \\ \hline 17 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline 19 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>51</b>
$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$	<b>59</b>

<b>6</b>	<b>7</b>	<b>9</b>	<b>15</b>	<b>10</b>	<b>14</b>
<b><u>-6</u></b>	<b><u>+7</u></b>	<b><u>+0</u></b>	<b><u>+4</u></b>	<b><u>-3</u></b>	<b><u>+3</u></b>

<b>16</b>	<b>9</b>	<b>10</b>	<b>1</b>	<b>5</b>	<b>3</b>
<b><u>-8</u></b>	<b><u>+3</u></b>	<b><u>+9</u></b>	<b><u>-0</u></b>	<b><u>-5</u></b>	<b><u>+2</u></b>

<b>1</b>	<b>9</b>	<b>14</b>	<b>9</b>	<b>14</b>	<b>6</b>
<b><u>+6</u></b>	<b><u>-0</u></b>	<b><u>+5</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>+2</u></b>

<b>7</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>19</b>	<b>10</b>
<b><u>+9</u></b>	<b><u>+5</u></b>	<b><u>-7</u></b>	<b><u>+0</u></b>	<b><u>-4</u></b>	<b><u>-2</u></b>

<b>6</b>	<b>7</b>	<b>9</b>	<b>5</b>	<b>10</b>	<b>4</b>
<b><u>+6</u></b>	<b><u>-7</u></b>	<b><u>-0</u></b>	<b><u>+4</u></b>	<b><u>+3</u></b>	<b><u>+9</u></b>

<b>6</b>	<b>9</b>	<b>10</b>	<b>16</b>	<b>5</b>	<b>3</b>
<b><u>+8</u></b>	<b><u>-3</u></b>	<b><u>-9</u></b>	<b><u>-0</u></b>	<b><u>-5</u></b>	<b><u>+8</u></b>

<b>9</b>	<b>5</b>	<b>17</b>	<b>13</b>	<b>7</b>	<b>3</b>
<b><u>+1</u></b>	<b><u>-5</u></b>	<b><u>-10</u></b>	<b><u>-8</u></b>	<b><u>-2</u></b>	<b><u>+1</u></b>

$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 15 \\ +4 \\ \hline 19 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 14 \\ +3 \\ \hline 17 \end{array}$	<b>9</b>
$\begin{array}{r} 16 \\ -8 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline 19 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>17</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 14 \\ +5 \\ \hline 19 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	<b>25</b>
$\begin{array}{r} 7 \\ +9 \\ \hline 16 \end{array}$	$\begin{array}{r} 10 \\ +5 \\ \hline 15 \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 19 \\ -4 \\ \hline 15 \end{array}$	$\begin{array}{r} 10 \\ -2 \\ \hline 8 \end{array}$	<b>34</b>
$\begin{array}{r} 6 \\ +6 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ -0 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$	$\begin{array}{r} 10 \\ +3 \\ \hline 13 \end{array}$	$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	<b>43</b>
$\begin{array}{r} 6 \\ +8 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$	$\begin{array}{r} 16 \\ -0 \\ \hline 16 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +8 \\ \hline 11 \end{array}$	<b>52</b>
$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 17 \\ -10 \\ \hline 7 \end{array}$	$\begin{array}{r} 13 \\ -8 \\ \hline 5 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>59</b>

Addition/Subtraction sums  $\leq 20$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$$

$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>8</b>
$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	<b>18</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline 19 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>26</b>
$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$	<b>34</b>
$\begin{array}{r} 6 \\ -6 \\ \hline 0 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 15 \\ +4 \\ \hline 19 \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$	$\begin{array}{r} 14 \\ +3 \\ \hline 17 \end{array}$	<b>43</b>
$\begin{array}{r} 16 \\ -8 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ +3 \\ \hline 12 \end{array}$	$\begin{array}{r} 10 \\ +9 \\ \hline 19 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array}$	<b>51</b>
$\begin{array}{r} 19 \\ +1 \\ \hline 20 \end{array}$	$\begin{array}{r} 5 \\ -5 \\ \hline 0 \end{array}$	$\begin{array}{r} 17 \\ -3 \\ \hline 14 \end{array}$	$\begin{array}{r} 13 \\ +6 \\ \hline 19 \end{array}$	$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array}$	<b>60</b>

$$\begin{array}{r} 15 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +9 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ +2 \\ \hline \end{array}$$

$\begin{array}{r} 15 \\ +3 \\ \hline 18 \end{array}$	$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$	$\begin{array}{r} 18 \\ -9 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$	<b>7</b>
$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ +5 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ -7 \\ \hline 0 \end{array}$	$\begin{array}{r} 9 \\ +4 \\ \hline 13 \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	<b>16</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ +7 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 7 \\ -0 \\ \hline 7 \end{array}$	$\begin{array}{r} 15 \\ -8 \\ \hline 7 \end{array}$	$\begin{array}{r} 3 \\ -3 \\ \hline 0 \end{array}$	<b>24</b>
$\begin{array}{r} 4 \\ +9 \\ \hline 13 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline 14 \end{array}$	$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline 10 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	<b>34</b>
$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array}$	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ +9 \\ \hline 17 \end{array}$	$\begin{array}{r} 19 \\ -6 \\ \hline 13 \end{array}$	$\begin{array}{r} 18 \\ -5 \\ \hline 13 \end{array}$	<b>43</b>
$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ -0 \\ \hline 1 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	$\begin{array}{r} 19 \\ +0 \\ \hline 19 \end{array}$	$\begin{array}{r} 14 \\ -4 \\ \hline 10 \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	<b>51</b>
$\begin{array}{r} 17 \\ -9 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ +7 \\ \hline 15 \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline 4 \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$	$\begin{array}{r} 10 \\ +2 \\ \hline 12 \end{array}$	<b>59</b>

Single digit multiplication

$$\begin{array}{r} 2 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$\begin{array}{r} 2 \\ \times 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	<b>10</b>
$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	<b>21</b>
$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	$\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	<b>30</b>
$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	<b>40</b>
$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$	$\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$	<b>49</b>
$\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	$\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$	<b>60</b>
$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$	<b>71</b>

Single digit multiplication

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} 7 \\ \times 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	<b>10</b>
$\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	$\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$	$\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	<b>21</b>
$\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$	<b>32</b>
$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	$\begin{array}{r} 1 \\ \times 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$	<b>42</b>
$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	<b>54</b>

## Single digit multiplication

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times 1 \\ \hline \end{array}$$

$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	<b>12</b>
$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	$\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	<b>24</b>
$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	$\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	<b>34</b>
$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	$\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	$\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	$\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$	<b>44</b>
$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	$\begin{array}{r} 1 \\ \times 2 \\ \hline 2 \end{array}$	$\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	<b>53</b>
$\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$	$\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	<b>65</b>
$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	$\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	$\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$	$\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	<b>75</b>

Double digit addition/subtraction (no regrouping)

$$\begin{array}{r} 11 \\ +62 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ +43 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ +15 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ -24 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ +45 \\ \hline \end{array}$$

$$\begin{array}{r} 69 \\ -26 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ -21 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ -57 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ -17 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ +10 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +54 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ -72 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ +26 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ -31 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ +13 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ +23 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ +23 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ -13 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ -34 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ -10 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ +12 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ +42 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ -76 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ +34 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -10 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ +12 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ -12 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ +13 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +34 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +84 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ -37 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ -40 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ +13 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ -22 \\ \hline \end{array}$$

Double digit addition/subtraction (no regrouping)

$\begin{array}{r} 11 \\ +62 \\ \hline 73 \end{array}$	$\begin{array}{r} 31 \\ +43 \\ \hline 74 \end{array}$	$\begin{array}{r} 54 \\ +15 \\ \hline 69 \end{array}$	$\begin{array}{r} 24 \\ -24 \\ \hline 00 \end{array}$	$\begin{array}{r} 14 \\ +45 \\ \hline 59 \end{array}$	$\begin{array}{r} 69 \\ -26 \\ \hline 43 \end{array}$	<b>12</b>
$\begin{array}{r} 89 \\ -21 \\ \hline 68 \end{array}$	$\begin{array}{r} 99 \\ -57 \\ \hline 42 \end{array}$	$\begin{array}{r} 87 \\ -17 \\ \hline 70 \end{array}$	$\begin{array}{r} 42 \\ +10 \\ \hline 52 \end{array}$	$\begin{array}{r} 12 \\ +54 \\ \hline 66 \end{array}$	$\begin{array}{r} 85 \\ -72 \\ \hline 13 \end{array}$	<b>24</b>
$\begin{array}{r} 61 \\ +26 \\ \hline 87 \end{array}$	$\begin{array}{r} 71 \\ -31 \\ \hline 40 \end{array}$	$\begin{array}{r} 27 \\ -12 \\ \hline 15 \end{array}$	$\begin{array}{r} 45 \\ -44 \\ \hline 01 \end{array}$	$\begin{array}{r} 82 \\ +13 \\ \hline 95 \end{array}$	$\begin{array}{r} 46 \\ +23 \\ \hline 69 \end{array}$	<b>36</b>
$\begin{array}{r} 16 \\ +23 \\ \hline 39 \end{array}$	$\begin{array}{r} 29 \\ -13 \\ \hline 16 \end{array}$	$\begin{array}{r} 86 \\ -34 \\ \hline 52 \end{array}$	$\begin{array}{r} 76 \\ -10 \\ \hline 66 \end{array}$	$\begin{array}{r} 57 \\ +12 \\ \hline 69 \end{array}$	$\begin{array}{r} 34 \\ +42 \\ \hline 76 \end{array}$	<b>48</b>
$\begin{array}{r} 99 \\ -76 \\ \hline 23 \end{array}$	$\begin{array}{r} 51 \\ +34 \\ \hline 85 \end{array}$	$\begin{array}{r} 17 \\ -10 \\ \hline 07 \end{array}$	$\begin{array}{r} 43 \\ +12 \\ \hline 55 \end{array}$	$\begin{array}{r} 47 \\ -12 \\ \hline 35 \end{array}$	$\begin{array}{r} 36 \\ +13 \\ \hline 49 \end{array}$	<b>60</b>
$\begin{array}{r} 15 \\ +34 \\ \hline 49 \end{array}$	$\begin{array}{r} 97 \\ -65 \\ \hline 32 \end{array}$	$\begin{array}{r} 81 \\ -11 \\ \hline 70 \end{array}$	$\begin{array}{r} 77 \\ -23 \\ \hline 54 \end{array}$	$\begin{array}{r} 15 \\ +84 \\ \hline 99 \end{array}$	$\begin{array}{r} 39 \\ -37 \\ \hline 02 \end{array}$	<b>72</b>
$\begin{array}{r} 49 \\ -19 \\ \hline 30 \end{array}$	$\begin{array}{r} 86 \\ -53 \\ \hline 33 \end{array}$	$\begin{array}{r} 71 \\ +17 \\ \hline 88 \end{array}$	$\begin{array}{r} 93 \\ -40 \\ \hline 53 \end{array}$	$\begin{array}{r} 83 \\ +13 \\ \hline 96 \end{array}$	$\begin{array}{r} 54 \\ -22 \\ \hline 32 \end{array}$	<b>84</b>

Double digit addition/subtraction (no regrouping)

$\begin{array}{r} 11 \\ +45 \\ \hline \end{array}$	$\begin{array}{r} 61 \\ -40 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ +15 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ +64 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +45 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ -26 \\ \hline \end{array}$
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$\begin{array}{r} 89 \\ -26 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ -31 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ -42 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ +13 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ +13 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 96 \\ -76 \\ \hline \end{array}$	$\begin{array}{r} 24 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -10 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ +12 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ +13 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 19 \\ -15 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ -53 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ +17 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ -40 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ +23 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ -22 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 54 \\ +23 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -41 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ +33 \\ \hline \end{array}$	$\begin{array}{r} 94 \\ -83 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ -16 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ -61 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 15 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ -65 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ -11 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ -23 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ +84 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ -37 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 49 \\ -19 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -53 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ +17 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ -40 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ +23 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ -22 \\ \hline \end{array}$
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Double digit addition/subtraction (no regrouping)

$\begin{array}{r} 11 \\ +45 \\ \hline 56 \end{array}$	$\begin{array}{r} 61 \\ -40 \\ \hline 21 \end{array}$	$\begin{array}{r} 54 \\ +15 \\ \hline 69 \end{array}$	$\begin{array}{r} 24 \\ +64 \\ \hline 88 \end{array}$	$\begin{array}{r} 14 \\ +45 \\ \hline 59 \end{array}$	$\begin{array}{r} 69 \\ -26 \\ \hline 43 \end{array}$	<b>12</b>
$\begin{array}{r} 89 \\ -26 \\ \hline 63 \end{array}$	$\begin{array}{r} 99 \\ -31 \\ \hline 68 \end{array}$	$\begin{array}{r} 87 \\ -12 \\ \hline 75 \end{array}$	$\begin{array}{r} 44 \\ -42 \\ \hline 02 \end{array}$	$\begin{array}{r} 12 \\ +13 \\ \hline 25 \end{array}$	$\begin{array}{r} 85 \\ +13 \\ \hline 98 \end{array}$	<b>24</b>
$\begin{array}{r} 96 \\ -76 \\ \hline 20 \end{array}$	$\begin{array}{r} 24 \\ +34 \\ \hline 58 \end{array}$	$\begin{array}{r} 86 \\ -10 \\ \hline 76 \end{array}$	$\begin{array}{r} 76 \\ +12 \\ \hline 88 \end{array}$	$\begin{array}{r} 57 \\ -12 \\ \hline 65 \end{array}$	$\begin{array}{r} 34 \\ +13 \\ \hline 47 \end{array}$	<b>36</b>
$\begin{array}{r} 19 \\ -15 \\ \hline 04 \end{array}$	$\begin{array}{r} 97 \\ -53 \\ \hline 44 \end{array}$	$\begin{array}{r} 81 \\ +17 \\ \hline 98 \end{array}$	$\begin{array}{r} 77 \\ -40 \\ \hline 37 \end{array}$	$\begin{array}{r} 15 \\ +23 \\ \hline 38 \end{array}$	$\begin{array}{r} 39 \\ -22 \\ \hline 17 \end{array}$	<b>48</b>
$\begin{array}{r} 54 \\ +23 \\ \hline 77 \end{array}$	$\begin{array}{r} 86 \\ -41 \\ \hline 45 \end{array}$	$\begin{array}{r} 64 \\ +33 \\ \hline 97 \end{array}$	$\begin{array}{r} 94 \\ -83 \\ \hline 11 \end{array}$	$\begin{array}{r} 18 \\ -16 \\ \hline 02 \end{array}$	$\begin{array}{r} 83 \\ -61 \\ \hline 22 \end{array}$	<b>60</b>
$\begin{array}{r} 15 \\ +34 \\ \hline 49 \end{array}$	$\begin{array}{r} 97 \\ -65 \\ \hline 32 \end{array}$	$\begin{array}{r} 81 \\ -11 \\ \hline 70 \end{array}$	$\begin{array}{r} 77 \\ -23 \\ \hline 54 \end{array}$	$\begin{array}{r} 15 \\ +84 \\ \hline 99 \end{array}$	$\begin{array}{r} 39 \\ -37 \\ \hline 02 \end{array}$	<b>72</b>
$\begin{array}{r} 49 \\ -19 \\ \hline 30 \end{array}$	$\begin{array}{r} 86 \\ -53 \\ \hline 33 \end{array}$	$\begin{array}{r} 71 \\ +17 \\ \hline 88 \end{array}$	$\begin{array}{r} 93 \\ -40 \\ \hline 53 \end{array}$	$\begin{array}{r} 73 \\ +23 \\ \hline 96 \end{array}$	$\begin{array}{r} 54 \\ -22 \\ \hline 36 \end{array}$	<b>84</b>

Double digit addition/subtraction (no regrouping)

<b>16</b>	<b>29</b>	<b>86</b>	<b>76</b>	<b>57</b>	<b>34</b>
<b><u>+23</u></b>	<b><u>-13</u></b>	<b><u>-34</u></b>	<b><u>-10</u></b>	<b><u>+12</u></b>	<b><u>+42</u></b>

<b>99</b>	<b>51</b>	<b>17</b>	<b>43</b>	<b>47</b>	<b>36</b>
<b><u>-76</u></b>	<b><u>+34</u></b>	<b><u>-10</u></b>	<b><u>+12</u></b>	<b><u>-12</u></b>	<b><u>+13</u></b>

<b>15</b>	<b>97</b>	<b>81</b>	<b>77</b>	<b>15</b>	<b>39</b>
<b><u>+34</u></b>	<b><u>-65</u></b>	<b><u>-11</u></b>	<b><u>-23</u></b>	<b><u>+84</u></b>	<b><u>-37</u></b>

<b>19</b>	<b>97</b>	<b>81</b>	<b>77</b>	<b>15</b>	<b>39</b>
<b><u>-15</u></b>	<b><u>-53</u></b>	<b><u>+17</u></b>	<b><u>-40</u></b>	<b><u>+23</u></b>	<b><u>-22</u></b>

<b>54</b>	<b>86</b>	<b>64</b>	<b>94</b>	<b>18</b>	<b>83</b>
<b><u>+23</u></b>	<b><u>-41</u></b>	<b><u>+33</u></b>	<b><u>-83</u></b>	<b><u>-16</u></b>	<b><u>-61</u></b>

<b>15</b>	<b>97</b>	<b>81</b>	<b>77</b>	<b>15</b>	<b>39</b>
<b><u>+34</u></b>	<b><u>-65</u></b>	<b><u>-11</u></b>	<b><u>-23</u></b>	<b><u>+84</u></b>	<b><u>-37</u></b>

<b>49</b>	<b>86</b>	<b>71</b>	<b>93</b>	<b>63</b>	<b>54</b>
<b><u>-19</u></b>	<b><u>-53</u></b>	<b><u>+17</u></b>	<b><u>-40</u></b>	<b><u>+23</u></b>	<b><u>-22</u></b>

Double digit addition/subtraction (no regrouping)

$\begin{array}{r} 16 \\ +23 \\ \hline 39 \end{array}$	$\begin{array}{r} 29 \\ -13 \\ \hline 16 \end{array}$	$\begin{array}{r} 86 \\ -34 \\ \hline 52 \end{array}$	$\begin{array}{r} 76 \\ -10 \\ \hline 66 \end{array}$	$\begin{array}{r} 57 \\ +12 \\ \hline 69 \end{array}$	$\begin{array}{r} 34 \\ +42 \\ \hline 76 \end{array}$	<b>12</b>
$\begin{array}{r} 99 \\ -76 \\ \hline 23 \end{array}$	$\begin{array}{r} 51 \\ +34 \\ \hline 85 \end{array}$	$\begin{array}{r} 17 \\ -10 \\ \hline 07 \end{array}$	$\begin{array}{r} 43 \\ +12 \\ \hline 55 \end{array}$	$\begin{array}{r} 47 \\ -12 \\ \hline 35 \end{array}$	$\begin{array}{r} 36 \\ +13 \\ \hline 49 \end{array}$	<b>24</b>
$\begin{array}{r} 15 \\ +34 \\ \hline 49 \end{array}$	$\begin{array}{r} 97 \\ -65 \\ \hline 32 \end{array}$	$\begin{array}{r} 81 \\ -11 \\ \hline 70 \end{array}$	$\begin{array}{r} 77 \\ -23 \\ \hline 54 \end{array}$	$\begin{array}{r} 15 \\ +84 \\ \hline 99 \end{array}$	$\begin{array}{r} 39 \\ -37 \\ \hline 02 \end{array}$	<b>36</b>
$\begin{array}{r} 19 \\ -15 \\ \hline 04 \end{array}$	$\begin{array}{r} 97 \\ -53 \\ \hline 44 \end{array}$	$\begin{array}{r} 81 \\ +17 \\ \hline 98 \end{array}$	$\begin{array}{r} 77 \\ -40 \\ \hline 37 \end{array}$	$\begin{array}{r} 15 \\ +23 \\ \hline 38 \end{array}$	$\begin{array}{r} 39 \\ -22 \\ \hline 17 \end{array}$	<b>48</b>
$\begin{array}{r} 54 \\ +23 \\ \hline 77 \end{array}$	$\begin{array}{r} 86 \\ -41 \\ \hline 45 \end{array}$	$\begin{array}{r} 64 \\ +33 \\ \hline 97 \end{array}$	$\begin{array}{r} 94 \\ -83 \\ \hline 11 \end{array}$	$\begin{array}{r} 18 \\ -16 \\ \hline 02 \end{array}$	$\begin{array}{r} 83 \\ -61 \\ \hline 22 \end{array}$	<b>60</b>
$\begin{array}{r} 15 \\ +34 \\ \hline 49 \end{array}$	$\begin{array}{r} 97 \\ -65 \\ \hline 32 \end{array}$	$\begin{array}{r} 81 \\ -11 \\ \hline 70 \end{array}$	$\begin{array}{r} 77 \\ -23 \\ \hline 54 \end{array}$	$\begin{array}{r} 15 \\ +84 \\ \hline 99 \end{array}$	$\begin{array}{r} 39 \\ -37 \\ \hline 03 \end{array}$	<b>72</b>
$\begin{array}{r} 49 \\ -19 \\ \hline 30 \end{array}$	$\begin{array}{r} 86 \\ -53 \\ \hline 33 \end{array}$	$\begin{array}{r} 71 \\ +17 \\ \hline 88 \end{array}$	$\begin{array}{r} 93 \\ -40 \\ \hline 53 \end{array}$	$\begin{array}{r} 63 \\ +23 \\ \hline 86 \end{array}$	$\begin{array}{r} 54 \\ -22 \\ \hline 32 \end{array}$	<b>84</b>

Double digit addition/subtraction (regrouping)

$\begin{array}{r} 19 \\ +62 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ +43 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ +15 \\ \hline \end{array}$	$\begin{array}{r} 44 \\ -29 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +48 \\ \hline \end{array}$	$\begin{array}{r} 62 \\ -26 \\ \hline \end{array}$
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$\begin{array}{r} 85 \\ -28 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ -57 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ -17 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ +19 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ +54 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ -72 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 66 \\ +26 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -31 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ -19 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ -44 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ +19 \\ \hline \end{array}$	$\begin{array}{r} 46 \\ +28 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 16 \\ +28 \\ \hline \end{array}$	$\begin{array}{r} 21 \\ -13 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ -34 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ -16 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ +17 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ +48 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 95 \\ -76 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ -18 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ +17 \\ \hline \end{array}$	$\begin{array}{r} 41 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ +17 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 17 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ -65 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ -19 \\ \hline \end{array}$	$\begin{array}{r} 71 \\ -23 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ +84 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ -37 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 40 \\ -19 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ -56 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ +19 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ -44 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ +23 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ -24 \\ \hline \end{array}$
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Double digit addition/subtraction (regrouping)

$\begin{array}{r} 19 \\ +62 \\ \hline 81 \end{array}$	$\begin{array}{r} 38 \\ +43 \\ \hline 81 \end{array}$	$\begin{array}{r} 56 \\ +15 \\ \hline 71 \end{array}$	$\begin{array}{r} 44 \\ -29 \\ \hline 15 \end{array}$	$\begin{array}{r} 14 \\ +48 \\ \hline 62 \end{array}$	$\begin{array}{r} 62 \\ -26 \\ \hline 36 \end{array}$	12
$\begin{array}{r} 85 \\ -28 \\ \hline 57 \end{array}$	$\begin{array}{r} 93 \\ -57 \\ \hline 36 \end{array}$	$\begin{array}{r} 84 \\ -17 \\ \hline 67 \end{array}$	$\begin{array}{r} 42 \\ +19 \\ \hline 61 \end{array}$	$\begin{array}{r} 17 \\ +54 \\ \hline 71 \end{array}$	$\begin{array}{r} 81 \\ -72 \\ \hline 09 \end{array}$	24
$\begin{array}{r} 66 \\ +26 \\ \hline 92 \end{array}$	$\begin{array}{r} 70 \\ -31 \\ \hline 39 \end{array}$	$\begin{array}{r} 27 \\ -19 \\ \hline 08 \end{array}$	$\begin{array}{r} 73 \\ -44 \\ \hline 29 \end{array}$	$\begin{array}{r} 88 \\ +19 \\ \hline 107 \end{array}$	$\begin{array}{r} 46 \\ +28 \\ \hline 74 \end{array}$	37
$\begin{array}{r} 16 \\ +28 \\ \hline 44 \end{array}$	$\begin{array}{r} 21 \\ -13 \\ \hline 08 \end{array}$	$\begin{array}{r} 83 \\ -34 \\ \hline 49 \end{array}$	$\begin{array}{r} 70 \\ -16 \\ \hline 54 \end{array}$	$\begin{array}{r} 57 \\ +17 \\ \hline 74 \end{array}$	$\begin{array}{r} 34 \\ +48 \\ \hline 82 \end{array}$	49
$\begin{array}{r} 95 \\ -76 \\ \hline 19 \end{array}$	$\begin{array}{r} 57 \\ +34 \\ \hline 91 \end{array}$	$\begin{array}{r} 37 \\ -18 \\ \hline 19 \end{array}$	$\begin{array}{r} 45 \\ +17 \\ \hline 62 \end{array}$	$\begin{array}{r} 41 \\ -12 \\ \hline 29 \end{array}$	$\begin{array}{r} 36 \\ +17 \\ \hline 53 \end{array}$	61
$\begin{array}{r} 17 \\ +34 \\ \hline 51 \end{array}$	$\begin{array}{r} 93 \\ -65 \\ \hline 28 \end{array}$	$\begin{array}{r} 81 \\ -19 \\ \hline 62 \end{array}$	$\begin{array}{r} 71 \\ -23 \\ \hline 48 \end{array}$	$\begin{array}{r} 17 \\ +84 \\ \hline 101 \end{array}$	$\begin{array}{r} 85 \\ -37 \\ \hline 48 \end{array}$	74
$\begin{array}{r} 40 \\ -19 \\ \hline 21 \end{array}$	$\begin{array}{r} 83 \\ -56 \\ \hline 27 \end{array}$	$\begin{array}{r} 79 \\ +19 \\ \hline 98 \end{array}$	$\begin{array}{r} 93 \\ -44 \\ \hline 49 \end{array}$	$\begin{array}{r} 88 \\ +23 \\ \hline 111 \end{array}$	$\begin{array}{r} 52 \\ -24 \\ \hline 28 \end{array}$	87

Double digit addition/subtraction (regrouping)

$\begin{array}{r} 17 \\ +45 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ -42 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ +15 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ +64 \\ \hline \end{array}$	$\begin{array}{r} 14 \\ +46 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ -26 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 85 \\ -26 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ -39 \\ \hline \end{array}$	$\begin{array}{r} 82 \\ -17 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ -43 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ +13 \\ \hline \end{array}$	$\begin{array}{r} 85 \\ +18 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 95 \\ -76 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ +34 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -17 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ +19 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 37 \\ +13 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 23 \\ -15 \\ \hline \end{array}$	$\begin{array}{r} 90 \\ -53 \\ \hline \end{array}$	$\begin{array}{r} 83 \\ +17 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ -46 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ +28 \\ \hline \end{array}$	$\begin{array}{r} 34 \\ -25 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 59 \\ +23 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ -46 \\ \hline \end{array}$	$\begin{array}{r} 63 \\ +38 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ -83 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ -16 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ -65 \\ \hline \end{array}$
--	--	--	--	--	--

$\begin{array}{r} 15 \\ +39 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ -68 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ -11 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ -23 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ +84 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ -37 \\ \hline \end{array}$
--	--	--	--	--	--

Double digit addition/subtraction (regrouping)

$\begin{array}{r} 17 \\ +45 \\ \hline 62 \end{array}$	$\begin{array}{r} 60 \\ -42 \\ \hline 18 \end{array}$	$\begin{array}{r} 58 \\ +15 \\ \hline 73 \end{array}$	$\begin{array}{r} 29 \\ +64 \\ \hline 93 \end{array}$	$\begin{array}{r} 14 \\ +46 \\ \hline 60 \end{array}$	$\begin{array}{r} 64 \\ -26 \\ \hline 38 \end{array}$	<b>12</b>
$\begin{array}{r} 85 \\ -26 \\ \hline 59 \end{array}$	$\begin{array}{r} 91 \\ -39 \\ \hline 52 \end{array}$	$\begin{array}{r} 82 \\ -17 \\ \hline 65 \end{array}$	$\begin{array}{r} 72 \\ -43 \\ \hline 29 \end{array}$	$\begin{array}{r} 19 \\ +13 \\ \hline 32 \end{array}$	$\begin{array}{r} 85 \\ +18 \\ \hline 103 \end{array}$	<b>25</b>
$\begin{array}{r} 95 \\ -76 \\ \hline 19 \end{array}$	$\begin{array}{r} 28 \\ +34 \\ \hline 62 \end{array}$	$\begin{array}{r} 86 \\ -17 \\ \hline 69 \end{array}$	$\begin{array}{r} 76 \\ +19 \\ \hline 95 \end{array}$	$\begin{array}{r} 50 \\ -12 \\ \hline 38 \end{array}$	$\begin{array}{r} 37 \\ +13 \\ \hline 50 \end{array}$	<b>37</b>
$\begin{array}{r} 23 \\ -15 \\ \hline 08 \end{array}$	$\begin{array}{r} 90 \\ -53 \\ \hline 37 \end{array}$	$\begin{array}{r} 83 \\ +17 \\ \hline 100 \end{array}$	$\begin{array}{r} 75 \\ -46 \\ \hline 29 \end{array}$	$\begin{array}{r} 17 \\ +28 \\ \hline 45 \end{array}$	$\begin{array}{r} 34 \\ -25 \\ \hline 09 \end{array}$	<b>50</b>
$\begin{array}{r} 59 \\ +23 \\ \hline 82 \end{array}$	$\begin{array}{r} 81 \\ -46 \\ \hline 35 \end{array}$	$\begin{array}{r} 63 \\ +38 \\ \hline 101 \end{array}$	$\begin{array}{r} 92 \\ -83 \\ \hline 09 \end{array}$	$\begin{array}{r} 52 \\ -16 \\ \hline 36 \end{array}$	$\begin{array}{r} 81 \\ -65 \\ \hline 16 \end{array}$	<b>63</b>
$\begin{array}{r} 15 \\ +39 \\ \hline 54 \end{array}$	$\begin{array}{r} 97 \\ -68 \\ \hline 29 \end{array}$	$\begin{array}{r} 80 \\ -11 \\ \hline 69 \end{array}$	$\begin{array}{r} 72 \\ -23 \\ \hline 49 \end{array}$	$\begin{array}{r} 18 \\ +84 \\ \hline 102 \end{array}$	$\begin{array}{r} 96 \\ -37 \\ \hline 59 \end{array}$	<b>76</b>

Double digit addition/subtraction (regrouping)

$$\begin{array}{r} 23 \\ -15 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -46 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +28 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ -25 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ +23 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -46 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ +38 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ -83 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ -16 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +39 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ -68 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ -11 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ +84 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ -37 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +34 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ -65 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ -23 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +84 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ -37 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ -56 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ -44 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ +23 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ -24 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ +19 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ -51 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ +16 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ -18 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ -19 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ -56 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ -28 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ -53 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ -49 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ +23 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ -22 \\ \hline \end{array}$$

Double digit addition/subtraction (regrouping)

$\begin{array}{r} 23 \\ -15 \\ \hline 08 \end{array}$	$\begin{array}{r} 90 \\ -53 \\ \hline 37 \end{array}$	$\begin{array}{r} 83 \\ +17 \\ \hline 100 \end{array}$	$\begin{array}{r} 75 \\ -46 \\ \hline 29 \end{array}$	$\begin{array}{r} 17 \\ +28 \\ \hline 45 \end{array}$	$\begin{array}{r} 34 \\ -25 \\ \hline 09 \end{array}$	<b>13</b>
$\begin{array}{r} 59 \\ +23 \\ \hline 82 \end{array}$	$\begin{array}{r} 81 \\ -46 \\ \hline 35 \end{array}$	$\begin{array}{r} 63 \\ +38 \\ \hline 101 \end{array}$	$\begin{array}{r} 92 \\ -83 \\ \hline 09 \end{array}$	$\begin{array}{r} 22 \\ -16 \\ \hline 06 \end{array}$	$\begin{array}{r} 81 \\ -65 \\ \hline 16 \end{array}$	<b>26</b>
$\begin{array}{r} 15 \\ +39 \\ \hline 54 \end{array}$	$\begin{array}{r} 97 \\ -68 \\ \hline 29 \end{array}$	$\begin{array}{r} 80 \\ -11 \\ \hline 69 \end{array}$	$\begin{array}{r} 72 \\ -23 \\ \hline 49 \end{array}$	$\begin{array}{r} 18 \\ +84 \\ \hline 102 \end{array}$	$\begin{array}{r} 56 \\ -37 \\ \hline 19 \end{array}$	<b>39</b>
$\begin{array}{r} 17 \\ +34 \\ \hline 51 \end{array}$	$\begin{array}{r} 93 \\ -65 \\ \hline 28 \end{array}$	$\begin{array}{r} 81 \\ -19 \\ \hline 62 \end{array}$	$\begin{array}{r} 71 \\ -23 \\ \hline 48 \end{array}$	$\begin{array}{r} 17 \\ +84 \\ \hline 101 \end{array}$	$\begin{array}{r} 75 \\ -37 \\ \hline 38 \end{array}$	<b>52</b>
$\begin{array}{r} 40 \\ -19 \\ \hline 21 \end{array}$	$\begin{array}{r} 83 \\ -56 \\ \hline 27 \end{array}$	$\begin{array}{r} 79 \\ +19 \\ \hline 98 \end{array}$	$\begin{array}{r} 93 \\ -44 \\ \hline 49 \end{array}$	$\begin{array}{r} 88 \\ +23 \\ \hline 111 \end{array}$	$\begin{array}{r} 52 \\ -24 \\ \hline 28 \end{array}$	<b>65</b>
$\begin{array}{r} 58 \\ +19 \\ \hline 77 \end{array}$	$\begin{array}{r} 80 \\ -51 \\ \hline 29 \end{array}$	$\begin{array}{r} 66 \\ +16 \\ \hline 82 \end{array}$	$\begin{array}{r} 84 \\ -18 \\ \hline 66 \end{array}$	$\begin{array}{r} 67 \\ -19 \\ \hline 48 \end{array}$	$\begin{array}{r} 81 \\ -56 \\ \hline 25 \end{array}$	<b>77</b>
$\begin{array}{r} 60 \\ -28 \\ \hline 32 \end{array}$	$\begin{array}{r} 80 \\ -53 \\ \hline 27 \end{array}$	$\begin{array}{r} 73 \\ +17 \\ \hline 90 \end{array}$	$\begin{array}{r} 90 \\ -49 \\ \hline 41 \end{array}$	$\begin{array}{r} 88 \\ +23 \\ \hline 125 \end{array}$	$\begin{array}{r} 51 \\ -22 \\ \hline 29 \end{array}$	<b>90</b>

Double -digit multiplication

$$\begin{array}{r} 11 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 21 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 10 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ \times 10 \\ \hline \end{array}$$

11	31	54	34	
<u>x62</u>	<u>x43</u>	<u>x15</u>	<u>x24</u>	
<b>22</b>	<b>93</b>	<b>270</b>	<b>136</b>	
<b><u>660</u></b>	<b><u>1240</u></b>	<b><u>540</u></b>	<b><u>680</u></b>	
<b>682</b>	<b>1333</b>	<b>810</b>	<b>816</b>	<b>36</b>
89	99	87	42	
<u>x21</u>	<u>x57</u>	<u>x17</u>	<u>x10</u>	
<b>89</b>	<b>693</b>	<b>609</b>	<b>00</b>	
<b><u>1780</u></b>	<b><u>4950</u></b>	<b><u>870</u></b>	<b><u>420</u></b>	
<b>1869</b>	<b>5643</b>	<b>1479</b>	<b>420</b>	<b>75</b>
61	71	27	45	
x26	x31	x12	x44	
<b>366</b>	<b>71</b>	<b>54</b>	<b>180</b>	
<b><u>1220</u></b>	<b><u>2130</u></b>	<b><u>270</u></b>	<b><u>1800</u></b>	
<b>1586</b>	<b>2201</b>	<b>324</b>	<b>1980</b>	<b>115</b>
16	29	86	76	
<u>x23</u>	<u>x13</u>	<u>x34</u>	<u>x10</u>	
<b>48</b>	<b>87</b>	<b>344</b>	<b>00</b>	
<b><u>320</u></b>	<b><u>290</u></b>	<b><u>2580</u></b>	<b><u>760</u></b>	
<b>368</b>	<b>377</b>	<b>2924</b>	<b>760</b>	<b>150</b>

Double -digit multiplication

$$\begin{array}{r} 15 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ \times 45 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ \times 42 \\ \hline \end{array}$$

15	97	81	77	
<u>x34</u>	<u>x65</u>	<u>x11</u>	<u>x23</u>	
<b>60</b>	<b>485</b>	<b>81</b>	<b>231</b>	
<b><u>450</u></b>	<b><u>5820</u></b>	<b><u>810</u></b>	<b><u>1540</u></b>	
<b>510</b>	<b>6305</b>	<b>891</b>	<b>1771</b>	<b>38</b>
49	86	71	93	
<u>x19</u>	<u>x53</u>	<u>x17</u>	<u>x40</u>	
<b>441</b>	<b>258</b>	<b>497</b>	<b>00</b>	
<b><u>490</u></b>	<b><u>4300</u></b>	<b><u>710</u></b>	<b><u>3720</u></b>	
<b>931</b>	<b>4558</b>	<b>1207</b>	<b>3720</b>	<b>78</b>
11	61	54	24	
<u>x45</u>	<u>x40</u>	<u>x15</u>	<u>x64</u>	
<b>55</b>	<b>00</b>	<b>270</b>	<b>96</b>	
<b><u>440</u></b>	<b><u>2440</u></b>	<b><u>540</u></b>	<b><u>1440</u></b>	
<b>495</b>	<b>2440</b>	<b>810</b>	<b>1536</b>	<b>115</b>
89	99	87	44	
<u>x26</u>	<u>x31</u>	<u>x12</u>	<u>x42</u>	
<b>534</b>	<b>99</b>	<b>174</b>	<b>88</b>	
<b><u>1780</u></b>	<b><u>2970</u></b>	<b><u>870</u></b>	<b><u>1760</u></b>	
<b>2314</b>	<b>3069</b>	<b>1044</b>	<b>1848</b>	<b>156</b>

$$\begin{array}{r} 19 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 41 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ \times 83 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 40 \\ \hline \end{array}$$

19	97	81	77	
<u>x15</u>	<u>x53</u>	<u>x17</u>	<u>x40</u>	
<b>95</b>	<b>291</b>	<b>567</b>	<b>00</b>	
<b><u>190</u></b>	<b><u>4850</u></b>	<b><u>810</u></b>	<b><u>3080</u></b>	<b>39</b>
<b>285</b>	<b>5141</b>	<b>1377</b>	<b>3080</b>	
54	86	64	94	
<u>x23</u>	<u>x41</u>	<u>x33</u>	<u>x83</u>	
<b>162</b>	<b>86</b>	<b>192</b>	<b>282</b>	
<b><u>1080</u></b>	<b><u>3440</u></b>	<b><u>1920</u></b>	<b><u>7520</u></b>	<b>82</b>
<b>1242</b>	<b>3526</b>	<b>2112</b>	<b>7802</b>	
15	97	81	77	
<u>x34</u>	<u>x65</u>	<u>x11</u>	<u>x23</u>	
<b>60</b>	<b>485</b>	<b>81</b>	<b>231</b>	
<b><u>450</u></b>	<b><u>5820</u></b>	<b><u>810</u></b>	<b><u>1540</u></b>	<b>120</b>
<b>510</b>	<b>6305</b>	<b>891</b>	<b>1771</b>	
49	86	71	93	
<u>x19</u>	<u>x53</u>	<u>x17</u>	<u>x40</u>	
<b>441</b>	<b>258</b>	<b>497</b>	<b>00</b>	
<b><u>490</u></b>	<b><u>4300</u></b>	<b><u>710</u></b>	<b><u>3720</u></b>	<b>160</b>
<b>931</b>	<b>4558</b>	<b>1207</b>	<b>3720</b>	