

# Attribute Cards (blue)



tens digit < 3	hundreds digit > 6	thousands digit > 6
ten-thousands digit < 2	ones digit < 5	The hundred-thousands digit is 7, 8, or 9.

# Attribute Cards (blue)



<p>The sum of all digits is less than 12.</p>	<p>Four of the digits are greater than 5.</p>	<p>Three of the digits are less than 5.</p>
<p>The sum of all the digits is 9, 12, 15, or 18.</p>	<p>None of the digits are even.</p>	<p>None of the digits are odd.</p>

# Attribute Cards (blue)



The hundred-thousands  
digit is 9.

The ones digit is greater  
than the hundreds digit.

The ten-thousands  
digit is 4.

The hundreds digit  
is greater than the  
hundred-thousands digit.

The tens digit  
is greater than the  
ten-thousands digit.

The tens digit is 9.

# Attribute Cards (blue)



All six digits are the same.

The hundred-thousands digit is less than 4.

The number is a multiple of 10.

At least two digits are the same.

The thousands digit is greater than the ones digit.

The number is a multiple of 5.

# Attribute Cards (green)



The number is  
one less than  
a multiple of 10.

The number is  
two more than a  
multiple of 5.

The number is  
four less than a  
multiple of 10.

The thousands digit is  
more than twice  
the ones digit.

ones digit  $<$   
ten-thousands digit

tens digit  $<$   
hundred-thousands digit

# Attribute Cards (green)



The tens digit is twice the hundreds digit.

The ones digit is twice the hundred-thousands digit.

The thousands digit is twice the hundreds digit.

The ten-thousands digit is twice the tens digit.

The ones digit is twice the tens digit.

The hundreds digit is twice the thousands digit.

# Attribute Cards (green)



The hundred-thousands  
digit is 2 greater than the  
ones digit.

The thousands digit  
is 2 greater than  
one of the other digits.

The ten-thousands digit  
is 2 greater than  
the ones digit.

The tens digit is 2 greater  
than one of the other digits.

The hundreds digit  
is 3 less than  
one of the other digits.

One of the digits  
is 3 less than  
another digit.

# Attribute Cards (green)



The hundreds digit is  
3 less than the  
ten-thousands digit.

The ones digit is  
less than twice the  
ten-thousands digit.

The tens digit is  
more than twice the  
hundred-thousands digit.

The hundreds digit  
is 3 less than  
the ones digit.

The ones digit is  
3 times the thousands digit.

The tens digit is 3 times  
the thousands digit.



# Breaking Up Numbers (Addition)

$\square = \square + \square + \square$

$\square = \square + \square + \square$

$\square = \square + \square + \square$

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$\square = \square + \square + \square$

$\square = \square + \square + \square$



# Addition Scramble Game Page

+			
	tens	ones	
	score	score	

+			
	tens	ones	
	score	score	

+			
	tens	ones	
	score	score	

+			
	tens	ones	
	score	score	

+			
	tens	ones	
	score	score	

+			
	tens	ones	
	score	score	

# Addition Shortcuts 1

$\begin{array}{r} 9 \\ 1 \\ 5 \\ 5 \\ 3 \\ + 7 \\ \hline \square \end{array}$	$\begin{array}{r} 6 \\ 4 \\ 2 \\ 8 \\ 7 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ 5 \\ 2 \\ 8 \\ 1 \\ + 9 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ 5 \\ 1 \\ 1 \\ 5 \\ + 9 \\ \hline \square \end{array}$
$\begin{array}{r} 25 \\ 14 \\ 5 \\ 6 \\ 3 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ 3 \\ 8 \\ 2 \\ 4 \\ + 6 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ 5 \\ 5 \\ 3 \\ 8 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 18 \\ 32 \\ 14 \\ + 16 \\ \hline \square \end{array}$
$\begin{array}{r} 43 \\ 85 \\ + 57 \\ \hline \square \end{array}$	$\begin{array}{r} 17 \\ 7 \\ 13 \\ 3 \\ 16 \\ + 14 \\ \hline \square \end{array}$	$\begin{array}{r} 168 \\ 32 \\ + 14 \\ \hline \square \end{array}$	$\begin{array}{r} 14 \\ 24 \\ 5 \\ 5 \\ 16 \\ + 6 \\ \hline \square \end{array}$
$\begin{array}{r} 12 \\ 8 \\ 1 \\ 9 \\ 17 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 11 \\ 12 \\ 13 \\ 14 \\ 15 \\ + 16 \\ \hline \square \end{array}$	$\begin{array}{r} 170 \\ 32 \\ + 41 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ 30 \\ 3 \\ 14 \\ 4 \\ + 2 \\ \hline \square \end{array}$

# Addition Shortcuts 2

$\begin{array}{r} 7 \\ 30 \\ 3 \\ 14 \\ 4 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 7 \\ 5 \\ 5 \\ 3 \\ 8 \\ + 2 \\ \hline \square \end{array}$	$\begin{array}{r} 17 \\ 7 \\ 13 \\ 3 \\ 16 \\ + 14 \\ \hline \square \end{array}$	$\begin{array}{r} 4 \\ 5 \\ 2 \\ 8 \\ 1 \\ + 9 \\ \hline \square \end{array}$
$\begin{array}{r} 6 \\ 4 \\ 2 \\ 8 \\ 7 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 14 \\ 24 \\ 5 \\ 5 \\ 16 \\ + 6 \\ \hline \square \end{array}$	$\begin{array}{r} 11 \\ 12 \\ 13 \\ 14 \\ 15 \\ + 16 \\ \hline \square \end{array}$	$\begin{array}{r} 12 \\ 8 \\ 1 \\ 9 \\ 17 \\ + 3 \\ \hline \square \end{array}$
$\begin{array}{r} 170 \\ 32 \\ + 41 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ 5 \\ 1 \\ 1 \\ 5 \\ 5 \\ + 9 \\ \hline \square \end{array}$	$\begin{array}{r} 9 \\ 1 \\ 5 \\ 5 \\ 3 \\ + 7 \\ \hline \square \end{array}$	$\begin{array}{r} 168 \\ 32 \\ + 14 \\ \hline \square \end{array}$
$\begin{array}{r} 43 \\ 85 \\ + 57 \\ \hline \square \end{array}$	$\begin{array}{r} 25 \\ 14 \\ 5 \\ 6 \\ 3 \\ 3 \\ + 3 \\ \hline \square \end{array}$	$\begin{array}{r} 18 \\ 32 \\ 14 \\ + 16 \\ \hline \square \end{array}$	$\begin{array}{r} 3 \\ 3 \\ 8 \\ 2 \\ 4 \\ + 6 \\ \hline \square \end{array}$

# Addition Shortcuts 3

$$\begin{array}{r} 9 \\ 5 \\ 1 \\ 1 \\ 5 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 6 \\ 4 \\ 2 \\ 8 \\ 7 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 17 \\ 7 \\ 13 \\ 3 \\ 16 \\ + 14 \\ \hline \square \end{array}$$

$$\begin{array}{r} 11 \\ 12 \\ 13 \\ 14 \\ 15 \\ + 16 \\ \hline \square \end{array}$$

$$\begin{array}{r} 12 \\ 8 \\ 1 \\ 9 \\ 17 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ 5 \\ 5 \\ 3 \\ 8 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 9 \\ 1 \\ 5 \\ 5 \\ 3 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} 170 \\ 32 \\ + 41 \\ \hline \square \end{array}$$

$$\begin{array}{r} 3 \\ 3 \\ 8 \\ 2 \\ 4 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 18 \\ 32 \\ 14 \\ + 16 \\ \hline \square \end{array}$$

$$\begin{array}{r} 7 \\ 30 \\ 3 \\ 14 \\ 4 \\ + 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} 25 \\ 14 \\ 5 \\ 6 \\ 3 \\ + 3 \\ \hline \square \end{array}$$

$$\begin{array}{r} 4 \\ 5 \\ 2 \\ 8 \\ 1 \\ + 9 \\ \hline \square \end{array}$$

$$\begin{array}{r} 43 \\ 85 \\ + 57 \\ \hline \square \end{array}$$

$$\begin{array}{r} 14 \\ 24 \\ 5 \\ 5 \\ 16 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 168 \\ 32 \\ + 14 \\ \hline \square \end{array}$$