

Number Agility Intermediate Assessment

Name: _____ Grade: _____ Date: _____

Counting Forward

Complete the counting patterns.

2,4,6, _____, _____, _____, _____, _____, _____

10,15,20,25, _____, _____, _____, _____, _____, _____

30,40,50, _____, _____, _____, _____, _____, _____

3,6,9, _____, _____, _____, _____, _____, _____

2,6,10, _____, _____, _____, _____, _____, _____

7,14,21 _____, _____, _____, _____, _____, _____

4,10,16, _____, _____, _____, _____, _____, _____

0,8,16, _____, _____, _____, _____, _____, _____

9,18,27, _____, _____, _____, _____, _____, _____

18,19,20, _____, _____, _____, _____, _____, _____

11,22,33, _____, _____, _____, _____, _____, _____

24,36,48, _____, _____, _____, _____, _____, _____

Counting Backward

Complete the counting patterns

21,19,17, _____, _____, _____, _____, _____, _____

99,96,93, _____, _____, _____, _____, _____, _____

100,95,90, _____, _____, _____, _____, _____, _____

60,56,52, _____, _____, _____, _____, _____, _____

75,69,63, _____, _____, _____, _____, _____, _____

16,15,14, _____, _____, _____, _____, _____, _____

70,63,56, _____, _____, _____, _____, _____, _____

88,80,72, _____, _____, _____, _____, _____, _____

120,108,96, _____, _____, _____, _____, _____, _____

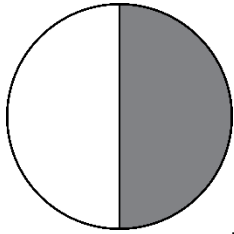
108,99,88, _____, _____, _____, _____, _____, _____

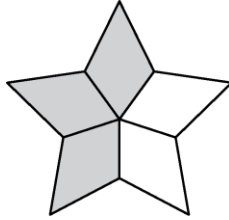
50,45,40, _____, _____, _____, _____, _____, _____

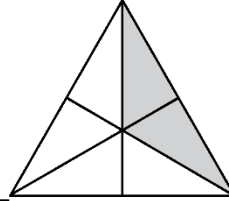
60,54,48, _____, _____, _____, _____, _____, _____

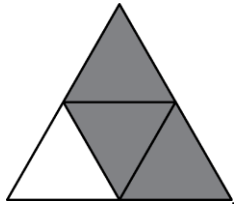
Identifying Fractions

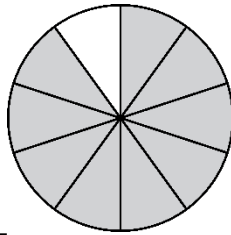
Label the fraction in each picture

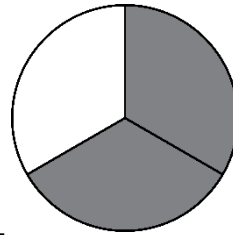




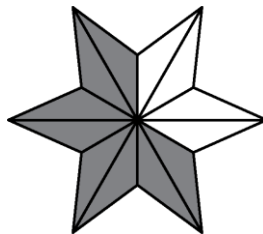








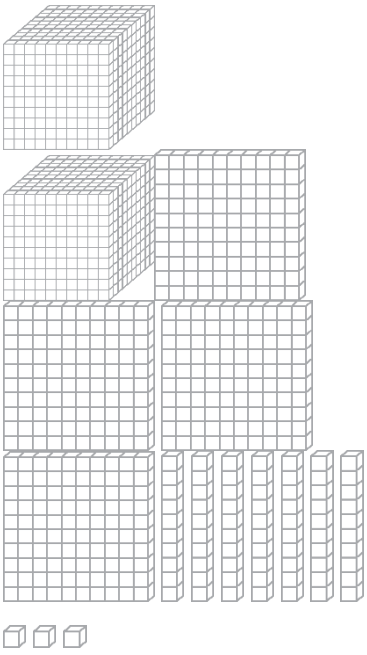




Representing Whole Numbers

Fill in each box using the **bold** number

Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form:
Use base 10 blocks to represent the number:	Number:	Create 3 equations for the number:
	Write the number in words: Six hundred eighty four	Put the number on the place value chart:

<p>Draw the number:</p>	<p>Use a sentence to explain your drawing:</p>	<p>Write the number in expanded form:</p>
<p>Use base 10 blocks to represent the number:</p> 	<p>Number:</p>	<p>Create 3 equations for the number:</p>
	<p>Write the number in words:</p>	<p>Put the number on the place value chart:</p>

Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form:
	Number: 34 567	Create 3 equations for the number:
	Write the number in words:	Put the number on the place value chart:

Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form:
	Number: 758 914	Create 3 equations for the number:
	Write the number in words:	Put the number on the place value chart:

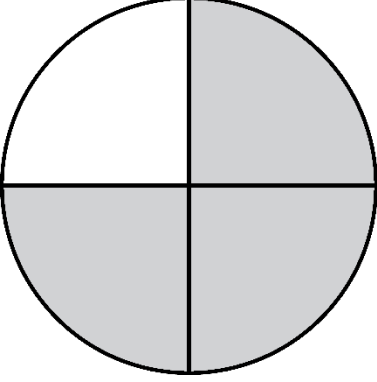
Representing Decimal Numbers

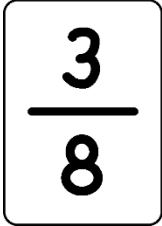
Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form:	Show the number with coins
Use base 10 blocks to represent the number:	Number: 0.5	Create 3 equations for the number:	
	Write the number in words:	Put the number on the place value chart:	

Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form: $1.00+0.3+0.05$	Show the number with coins
Use base 10 blocks to represent the number:	Number:	Create 3 equations for the number:	
	Write the number in words:	Put the number on the place value chart:	

Draw the number:	Use a sentence to explain your drawing:	Write the number in expanded form:
Use base 10 blocks to represent the number:	Number: 7.198	Create 3 equations for the number:
	Write the number in words:	Put the number on the place value chart:

Representing Fractions

<p>Draw</p> 	<p>Write a sentence to explain your drawing</p>	
<p>Create a word problem</p>	<p>Number:</p>	<p>In words</p>
	<p>Equivalent fractions</p>	
<p>Real life example</p>		

Draw as part of a whole	Write a sentence to explain your drawing	
Create a word problem	Number: 	In words
	Equivalent fractions	
Real life example		

<p>Draw</p> <div data-bbox="207 237 428 315">$\frac{1}{2}$</div> <div data-bbox="440 237 660 315">$\frac{1}{2}$</div> <div data-bbox="207 363 428 441">$\frac{1}{2}$</div>	<p>Write a sentence to explain your drawing</p>	
<p>Create a word problem</p>	<p>Number:</p>	<p>In words</p>
<p>Real life example</p>	<p>Equivalent fractions</p>	

Composition and decomposition of whole numbers

Make each number in as many ways as possible using numbers and equations

65	347	6 789
54 135	246 975	1 234 567

Composition and decomposition of decimal numbers

Make each number in as many ways as possible using numbers and equations

0.7	0.15	0.789
0.3458	1.1	2.35
5.678	2.3498	

Comparing Numbers

Use the < or = or > signs to compare the numbers below

$17 \underline{\hspace{1cm}} 11$

$56 \underline{\hspace{1cm}} 76$

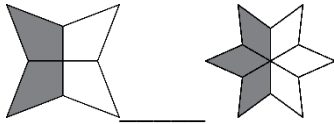
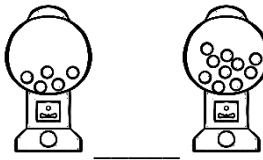
$103 \underline{\hspace{1cm}} 1003$

$500 \underline{\hspace{1cm}} 475$

$75 \underline{\hspace{1cm}} 750$

$2345 \underline{\hspace{1cm}} 2845$

$678 \underline{\hspace{1cm}} 678$



Ordering Numbers

Put the numbers in order from smallest to largest

35,17,90,57

357,359,700,561

3456,1790,7651,98 357,359,7561

56 751, 89 168, 67 799, 45 879 , 70 561

321, 311,351,301, 331

$\frac{1}{2}$, $\frac{1}{3}$, $\frac{5}{6}$, $\frac{7}{8}$, $\frac{9}{10}$

0.2, 0.05.0.3, 0.25

0.98, 0.07, 0.189

Number Line – whole numbers

Put the numbers on the number line

7,9,1,10,5,0

<----->

20,0,16,10,3

<----->

0,17,25,50,100,82,75

<----->

1757,1003,1492,1867,2000,1000,1500

<----->

10 000, 0, 5000, 7645, 1100, 9857

<----->

0, 100 000, 92 456, 48 000, 25 897, 74 512

<----->

Number Line – Fractions and Decimals

Put the numbers on the number line

1, 0.5, 0.8, 0, 0.2, 0.4

<----->

\$0.75, \$0.25, \$0.00, \$1.00, \$0.98, \$0.16, \$0.05

<----->

0.129, 1, 0.005, 0.5, 0.297, 0.765, 0.817

<----->

0, $\frac{1}{2}$, $\frac{1}{4}$, 1, $\frac{3}{4}$

<----->

0, 1, $\frac{3}{6}$, $\frac{4}{5}$, $\frac{1}{3}$, $\frac{4}{6}$

<----->

0, $\frac{7}{6}$, $\frac{5}{3}$, $\frac{1}{2}$, $\frac{4}{4}$, $\frac{4}{2}$,

<----->

0, $1\frac{1}{2}$, 2, 1, $\frac{3}{4}$, $\frac{6}{5}$,

<----->

Equivalency

Write three numbers that have the same value as the number

$$0.5 = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$$

$$1.25 = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$$

$$.425 = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$$

$$\frac{3}{4} = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$$

$$\frac{6}{10} = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$$