Number Agility Middle Years Assessment

Name:	Grade:	_ Date:	
Representing Numbers			
Draw	Write a se	entence to ex	xplain your
Create a word problem	Number: 7 856	lin	aw a number e
Place Value Chart	In words		
Real life example			

Draw	Write a sentence to drawing	
Create a word problem	Number: 5.6782	Draw a number line
Place Value Chart	In words	
Real life example		

Draw	Write a sentence to drawing	o explain your
Create a word problem	Number: -27	Draw a number line
Solution to word problem	In words	
Real life example		

Draw	Write a sentence to drawing	o explain your
Create a word problem	Number: 5/7	Draw a number line
Solution to the word problem	In words	
Real life example		

Draw	Write a sentence to drawing	
Create a word problem	Number: 2 ½	Draw a number line
Solution to the word problem	In words	
Real life example		

Draw	Write a sentence to drawing	
Create a word problem	Number: √16	Draw a number line
Solution to the word problem	In words	
Real life example		

Draw	Write a sentence to drawing	o explain your
Create a word problem	Number: 7 ³	Draw a number line
Solution to the word problem	In words	
Real life example		

Draw	Write a sentence to drawing	o explain your
Create a word problem	Number: 4:1	Draw a number line
Solution to the word problem	In words	
Real life example		

Draw	Write a sentence to drawing	o explain your
Create a word problem	Number: 24%	Draw a number line
Solution to the word problem	In words	
Real life example		

Composition and decomposition of numbers

Make each number in as many ways as possible using equations

4 3/4	-16	-25
54 135	246 975	1 234 567
0.6	0.12	0.375

0.2468	3/4	1/2
75%	7/10	10:1
6 ²	4 ³	√49

Comparing Numbers

Use the < = > signs to compare the numbers below

5 ____-7

-9 _____ -6

3157 ___ 8634

3:2_____6:5

4/3 ___ 7/6

56 % _____ 65%

√47 ____√25

10:2 _____5:1

1.7756 _____ 1.7765

Order Numbers

Put the numbers in order from smallest to largest

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

1/2,1/3,5/6, 7/8, 9/10

0.2, 0.05.0.3, 0.25

-5,0,-20, 3, -15, 10

 $\sqrt{4}$, $\sqrt{16}$, $\sqrt{9}$, $\sqrt{100}$, $\sqrt{36}$, $\sqrt{64}$

 $5^3,7^2,2^3,8^2,100,0$

7/3 , 10/8,1/2, 3/3 ,1/4, 0, 11/5

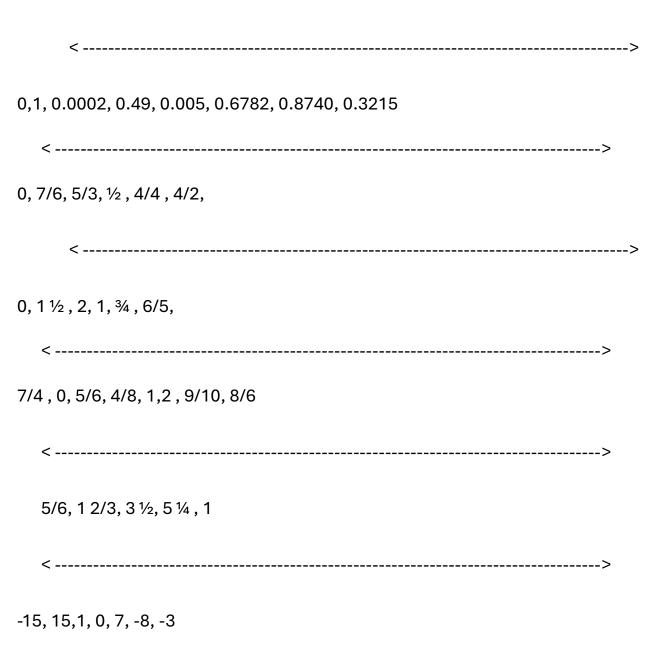
0,1,-5,10,-8,-3,6

-0.76, 0, -1, 1, 0.65

Number Line

Place the numbers where they belong on the number line

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



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Equivalency

Write three numbers that have the same value as the number

.425 = = ______, _______, _______

125% = ______, ______, _______

5²=_____,_____,_____