

Practice Assignment

Name: Key

0 25 50 75 100

1	2	3	4	5
$4 + 6 = 10$	$3 + 9 = 12$	$2 + 7 = 9$	$1 + 4 = 5$	$7 + 10 = 17$
$5 + -2 = 3$	$6 + -5 = 1$	$8 + -4 = 4$	$9 + -3 = 6$	$7 + -3 = 4$
$2 + -7 = -5$	$2 + -3 = -1$	$4 + -7 = -3$	$2 + -7 = -5$	$5 + -9 = -4$
$8 + -3 = 5$	$10 + -5 = 5$	$5 + -6 = -1$	$2 + -3 = -1$	$4 + -5 = -1$
$9 + -6 = 3$	$7 + -2 = 5$	$8 + -3 = 5$	$7 + -3 = 4$	$10 + -7 = 3$
$-3 + 4 = 1$	$-1 + 7 = 6$	$-3 + 7 = 4$	$-2 + 4 = 2$	$-7 + 5 = -2$
$5 + 1 = 6$	$4 + 2 = 6$	$7 + 4 = 11$	$5 + 3 = 8$	$6 + 3 = 9$
$-6 + 7 = 1$	$-5 + 9 = 4$	$-6 + 9 = 3$	$-4 + 7 = 3$	$-2 + 6 = 4$
$-5 + 3 = -2$	$-6 + 2 = -4$	$-3 + 6 = 3$	$-7 + 5 = -2$	$-8 + 5 = -3$
$-2 + -6 = -8$	$-3 + 3 = 0$	$-4 + -5 = -9$	$-7 + -5 = -12$	$-5 + -7 = -12$

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2. Explain (in complete sentences) what absolute value means.

Absolute value is the distance a number is from zero.

3. Find the absolute value of the following: a.  $|5| = 5$     b.  $|-87| = 87$     c.  $|-23| = 23$     d.  $|0| = 0$

4. Check all the columns that apply to the numbers below. Then circle the check that most specifically describes that number.

Number	Real	Irrational	Rational	Integer	Whole	Natural
-7	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
0	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
$\frac{2}{5}$	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
$0.\overline{34}$	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
$\sqrt{12}$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
2.578...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
6.42	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			
$\frac{12}{4} = 3$	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
$\frac{1}{2}\pi$	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

5. Explain (in a complete sentence) what makes the natural numbers and whole numbers different.

Whole numbers contain the number 0 and natural numbers do not.

6. Explain (in a complete sentence) what makes the rational and irrational number numbers different.

Rational numbers can always be written as a fraction.  
Irrational numbers are numbers that go on forever without repeating.