

8/24/16

Name \_\_\_\_\_

Attach any worksheets you use to this when you hand it in. Decide whether each statement is true or false.

1.  $3[5(-2) - 6(6)] > 138$

2.  $(-5)^2 + 12^2 = 13^2$

Select the smaller number from each pair.

3.  $-2\frac{1}{2}$ ,  $-(-2)$

4.  $|-12|$ ,  $-|-15|$

5. If  $x$  and  $y$  are both negative numbers, is  $\frac{xy}{x+y}$  positive or negative?

Perform the indicated operations.

6.  $-11 - (6 - 8) + |-9|$

7.  $-15 - 6(10 - 12)$

8.  $4^2 - (16 - 2^3) - (-3)$

9.  $(6)(-4) + 7(-4) - 8$

10.  $|-6 + 3| - (-4)^2$

11.  $|-6 + 3| - 4^2$

12.  $(3)(8) \div 6(-2)$

13.  $\frac{-8 - (-4 + 2)}{(-3)(-2)}$

14.  $-8[4 - (-2 + 6) + 1]$

15.  $\frac{3(-3) + 6}{4^2 + (-2)(8)}$