

# MasterMath

Name \_\_\_\_\_

Date \_\_\_\_\_

## Real Numbers

1. From this set of numbers, which is not a rational number:

3, -8,  $\sqrt{4}$ ,  $\sqrt{2}$ , .32665

2. Which of these numbers is a whole number:

$\frac{1}{3}$ , 6, -8, 2.45

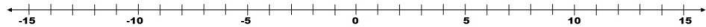
3. The Opposite of 486 is:

4. Evaluate:  $3(-3) + |6| \div (-4)(-3) =$

5. Evaluate:  $|6 - 7|(3 - 5) =$

6. Evaluate:  $(-4)(-3)(2) + 16 =$

7. Plot the answer on the number line:  $-8 - 3 =$



8. Is  $42 \div (-4)$  positive or negative?

9. Is  $47,265 - (-48,275)$  positive or negative?

10.  $-9 + |6 \div -6| =$

11.  $|-2| * (-8 + 5) =$

12.  $6 \div |-2| * 7 \div -7 =$

13. Evaluate, then order from largest to smallest:

-6,  $(3*-4)$ ,  $|3 - 5|$ ,  $|3*2|$

13. During the final round of a game show, Akasa scored -100 points in the technology category and 100 points in the TV category. What was her total score for the final round?

14. A fly that started 20 inches below the windowsill is now 10 inches below the windowsill. Which integer represents the fly's change in altitude?