

MasterMath

Name _____

Date _____

Real Numbers

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

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

$\sqrt{2}$

2. Which of these numbers is a whole number:

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

6

3. The Opposite of 486 is:

-486

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

-8 1/2

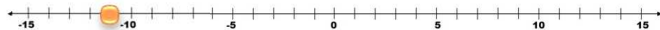
5. Evaluate: $|6 - 7|(3 - 5) =$

2

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

40

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



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

negative

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

positive

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

-8

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

-6

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

-3

13. Evaluate, then order from largest to smallest:

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

6, 2, -6, -12

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?

0

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?

+10