

Gaining Math Momentum

NAME _____

1. Circle the numbers that are integers: 5 $-2\frac{1}{4}$ -12 π -8.4 0 $\sqrt{6}$
2. Circle the numbers that are *not* integer values: $-\sqrt{4}$ $\sqrt{-4}$ $\frac{1}{7}$ $\frac{7}{1}$ 60% 40
3. What is the opposite of -3? _____
4. What is the additive inverse of 17? _____
5. Which letter corresponds to the placement of -1 on the number line below? _____



6. Which letter corresponds to the placement of +1 on the number line below? _____



7. Which letter(s) indicate values that are 6 units from zero on the number line below? _____



For #8 – 13, evaluate each absolute value expression:

8. $|-12| =$ _____
9. $|45| =$ _____
10. $|0| =$ _____
11. $-|20| =$ _____
12. $-|-8| =$ _____
13. $-|0| =$ _____
14. True or False: 9 is the opposite of -9. _____
15. True or False: The absolute value of 3 is -3. _____

For #16 – 21, use $>$, $<$, or $=$ in each circle to make a true statement.

16. $-3 \bigcirc 7$
17. $-7 \bigcirc 3$
18. $-3 \bigcirc -7$
19. $-5 \bigcirc \frac{6}{7}$
20. $0 \bigcirc -100$
21. $-55 \bigcirc -56$

22. Place the numbers in order from least to greatest: -7, 12, 0, 5, -3, -0.5, 8, -100, $\frac{1}{2}$
