

THE BOTTOM LINE

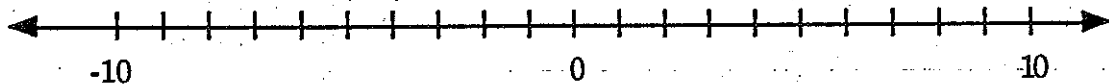
Cobb County Middle School Mathematics ● Dr. Ed Thomas, Supervisor

Student Name _____

1. _____ Which of the following is not an integer?

- a) -4 b) 10 c) π d) 102

2. _____ Graph the points 9, -4, 4 and 9 on the number line below.



3. _____ Evaluate the expression $\frac{-2a - b + 4c}{1}$.

if $a = 2$, $b = -2$, and $c = 1$

4. _____ If $a = -4$, $b = -2$, and $c = +2$, what can you conclude about the two expressions below?

- I) $2(a + b) + c$ II) $-c(-a + b + 3)$

5. _____ If $x = -1$, $y = -2$ and $z = 2$, create an algebraic expression whose value is + 8. Be sure to include x, y and z in your expression.

6. _____ A student named Manny Errors simplified the expression $-1 + -1 + (-2 + 2)$. He did not find the correct answer. Study his work below and find his error.

$$-1 + -1 + (-2 + 2) =$$

$$0 + 0 =$$

$$0$$