Name _____

Period _____

Math Review Sheet #10

Due Date _____

91 • The Number System

Which coordinate pair is (-10, -15) reflected across the x-axis?

a) (-10, 15)
b) (15, -10)
c) (10, 15)

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Card 92: b

83 • The Number System

What does –(-12) equal?

a) -12
b) $\frac{1}{12}$
c) 12

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Card 84: b

127 • The Number System

Which answer best describes the amount of money in a bank account with an account balance less than -$50?

a) a debt less than $50
b) a debt equal to $50
c) a debt greater than $50

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Card 128: a

169 • Expressions and Equations

Which answer is the solution to $x + 15 = 29$?

a) 9
b) 14
c) 44

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Card 170: a

107 • The Number System

On a number line oriented from left to right, what does the statement $18 > 0$ mean?

a) 0 is to the left of 18.
b) 18 is to the left of 0.
c) 18 is 18 units to the left of 0.

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Card 108: b

71 • The Number System

On a winter morning in Minnesota, the temperature was -10°F. By noon, the temperature increased by 15°F. At 6 p.m. that evening, the temperature decreased by 7°F. What was the temperature at 6 p.m.?

a) 8°F
b) -2°F
c) -32°F

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Card 72: c

111 • The Number System

Jake is 23 years old. Elaine is 21 years old. Express the fact that Jake is older than Elaine.

a) $23 < 21$
b) $23 = 21$
c) $23 > 21$

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Card 112: a

Translate the Algebraic Expressions

8) 4 less than the product of 3 and x. _____

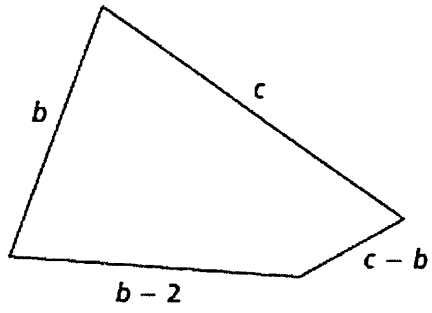
9) 5 times the quantity of x minus 7. _____

10) h cubed minus the product of 4 and z. _____

11) The sum of $5x$ and 8 all divided by 3. _____

12) The quotient of 28 and a number squared. _____

13. In the diagram of a quadrilateral below, the variables represent the lengths of the sides, in inches.



[not drawn to scale]

Part A:

Write an expression using the variables b and c that could be used to find the perimeter of the quadrilateral.

Answer _____

Part B:

If $b = 11$ and $c = 16$ what is the perimeter of the quadrilateral