

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

- a) 9
b) 14
c) 44

Period _____

Math Review Sheet #3

Due Date _____

Which answer is the solution set for ~~$10x < 20$~~ ?

- a) $x > 2$
b) $x \leq 2$
c) $x = 2$

$$10x \leq 20$$

Bill had \$200 in his bank account. He decided to sell some of his comic books to make money. He sold each comic book for \$15, and the new balance in his bank account was \$380. Which expression will find the number of comic books (b) he sold?

- a) $\$200 - \$15b = \$380$
b) $\$200 + \$15b = \$380$
c) $\$380 + \$15b = \$200$

What is the least common multiple of 3 and 12?

- a) 3
b) 12
c) 36

Hector is selling candy bars for a school fund-raiser. He earns \$0.50 per candy bar that he sells. Which expression will calculate the total amount of money Hector will earn from selling the total number of candy bars (c)?

- a) $\$0.50c$
b) $5c$
c) $\frac{\$0.50}{c}$

Which answer is equal to $10 + 14$?

- a) $2(5 + 4)$
b) $2(5 + 7)$
c) $4(2 + 5)$

How many solutions does $x < 18$ have?

- a) 1
b) 18
c) infinite

8. Evaluate the following expressions when $x = 4$, and $y = 2$.

a. $4x + 3(6y \div x)$

b. $x^2 - y^2 + 5(x + y)$

9. Write, Solve and Graph if necessary an Equation or Inequality for the following situation.

a. George went to the store and bought t T-Shirts for \$15 apiece. If George spent at least \$105, how many T-Shirts did he buy?

b. Dominic is playing his favorite board game. He started with 30 points, gained p points in the second round, and then lost 12 points in the third round. If he now has 50 points, how many points did he gain in the second round?



10. Jeremy is campaigning for class president and plans to distribute some flyers and buttons. He has 180 flyers and 126 buttons and wants each classroom to receive the same set of materials without any materials left over. What is the greatest number of classrooms Jeremy can distribute materials to?