

1) Give an example of an expression, equation, and inequality. How can you identify one from the other?

Circle the values that provide a solution or solutions to the given equation or inequality.

2)

3)

4) –

5)

Solve for the variable. Show your work and don't forget to check your answer!

6)

7) —

—

8)

9)

10)

11)

12)

13)

14) Gabriel had \$210 yesterday. Today he earned d dollars for mowing the neighbor's lawn. He now has \$245. Circle the equation or equations that accurately represent Gabriel's situation.

15) The perimeter of a square is 64 inches. Write an equation (use x for the side length) and solve for the side length of the square.

Equation: _____

Solution: _____

16) Mr. Vander Heyden's tie costs 3 times as much as Mr. Bentley's tie. Together they spent \$128. Write an equation and solve to determine the price of each teacher's ties.


Equation: _____

Cost of Mr. Vander Heyden's tie: _____

Cost of Mr. Bentley's tie: _____

Graph the following inequalities on a number line.

17) 

18) 

19) — 

20) 

21) The school auditorium can fit no more than 215 people. Inequality: _____



22) Sally must sell more than 5 coupon cards to attend the event. Inequality: _____

