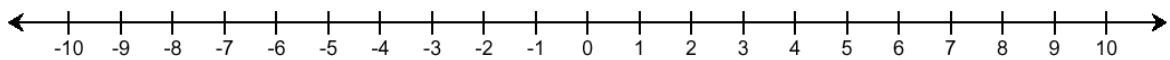


NAME: \_\_\_\_\_ Score \_\_\_\_\_/10

Please **print** your name**SHOW ALL YOUR WORK IN A NEAT AND ORGANIZED FASHION**

1. (1 pt.) An equation is a mathematical statement which contains an \_\_\_\_\_ symbol.
2. (1 pt.) Two equations are equivalent if they have the \_\_\_\_\_.
3. (1 pt.) If the speed of a blue car is represented by  $2x - 5$ , how far does the car travel in 3 hours?
4. (1 pt.) T      F      Every positive number is a rational number.
5. (1 pt.) T      F      Some rational numbers are irrational numbers.
6. (1 pt.) T      F       $\mathbb{Q} \subset \mathbb{N}$
7. (1 pt.) A \_\_\_\_\_ in one variable is an equation that can be written in the form  $ax + b = 0$  where a and b are real numbers with a not zero.
8. (1 pt.) Sketch the graph of the interval  $(-4, 7]$



9. (1 pt.) Use the formula  $F = \frac{9}{5}C + 32$  to convert  $50^{\circ}\text{C}$  to degrees fahrenheit.

10. (1 pt.) Write the formula for area of the triangle at the right.

