Solving Single-Step Inequalities #2

Name:_____

Match each inequality with its corresponding graph.

1) $x + 11 > 16$

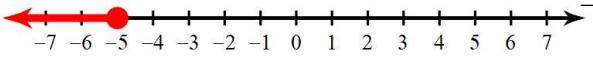
2) $x - 6 < 1$

3) $x + 2 \leq -3$

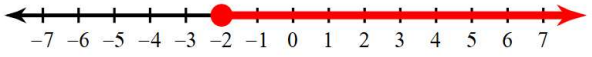
4) $x + 3 \geq 1$

5) $x - 1 < -7$

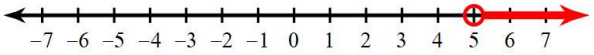
a)



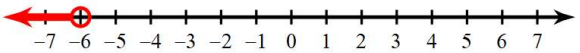
b)



c)



d)



e)

Match each inequality with its corresponding statement.

6) $-4n \geq 5$

7) $\frac{4}{5}n > 5$

8) $4n < -5$

9) $\frac{4}{5}n \leq 5$

10) $4n < 5$

11) $-4n < 5$

a) Negative four times a number is less than five.

b) Four fifths of a number is no more than five.

c) Four times a number is fewer than five.

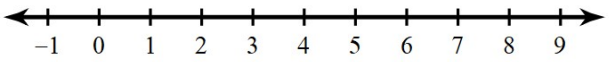
d) Negative four times a number is no less than five.

e) Four times a number is at most five.

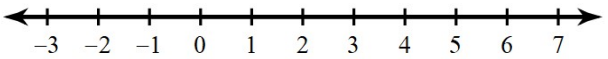
f) Four fifths of a number is more than five.

Solve each inequality. Graph your solution.

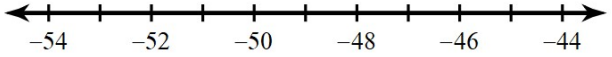
12) $d - 5 \leq 1$



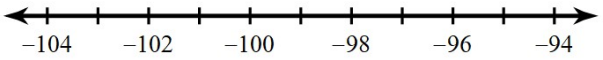
13) $4 \geq k + 3$



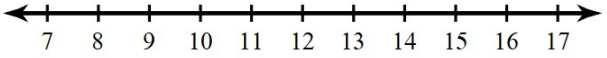
14) $-\frac{5}{9}t < 25$



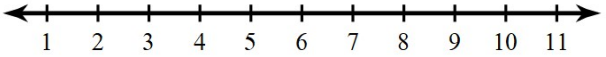
15) $\frac{x}{16} \geq -6$



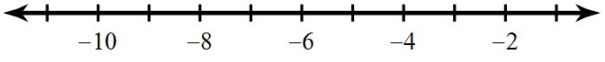
16) $8k + 12 > 9k$



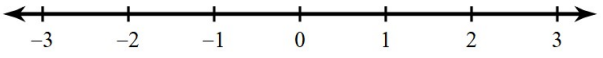
17) $39 > 13p$



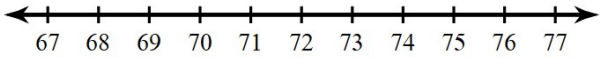
18) $r - (-5) > -2$



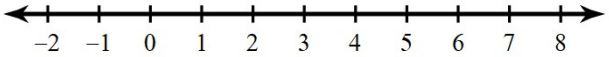
19) $-3b \leq 0.75$



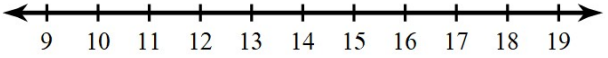
20) $-\frac{a}{5} < -14$



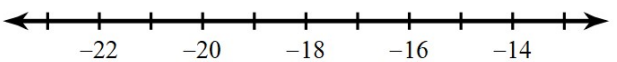
21) $4x + 3 < 5x$



22) $3n + 17 < 4n$



23) $\frac{2}{3}n > -12$



24) $-y < 36$