

Algebra Bellwork - October 28, 2011

Is each number a solution of $6 - 3x > 15$?

A) 5

B) -2

C) -3

If you stretched out a standard slinky, how long would it be?



Check your answers:

1) Yes

13) No, Yes, No

3) Yes

19) to right, open

5) No

21) to left, closed

7) No

23) to right, open

9) No, No Yes

25) to left, closed

11) No, No, No

Is each number a solution of $6 - 3x > 15$?

A) 5 no

B) -2 no

C) -3 no

$$6 - 3(-3) > 15$$

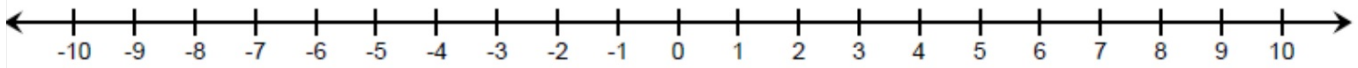
$$6 + 9 > 15$$

$$15 > 15$$

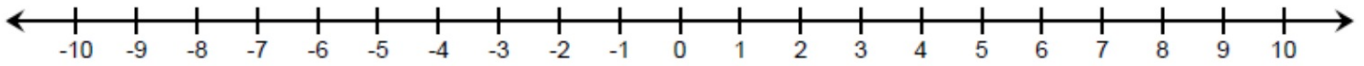
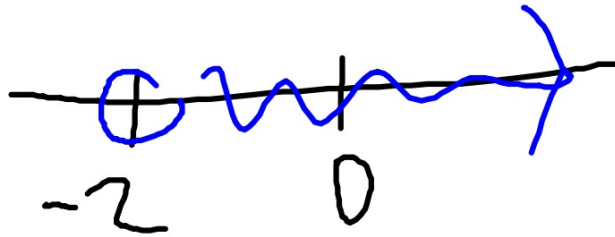
$$x > 4$$



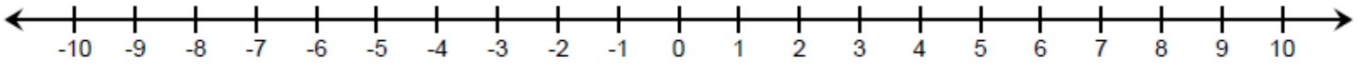
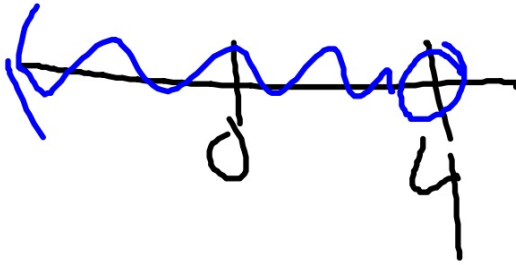
$$4 < x$$



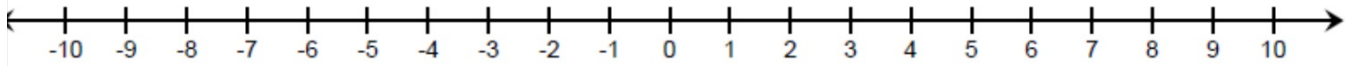
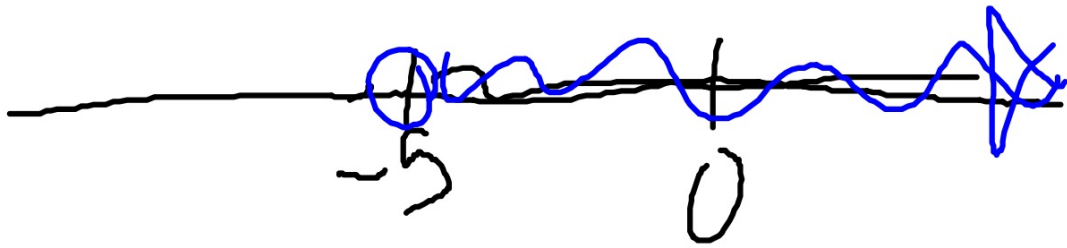
$$-2 < x$$



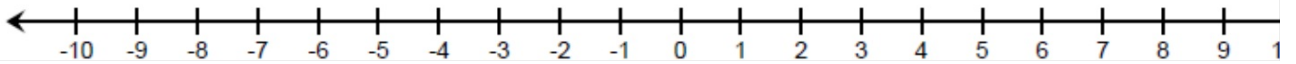
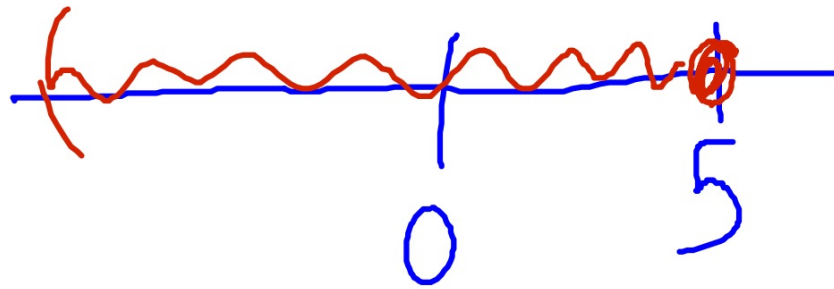
$$4 > x$$



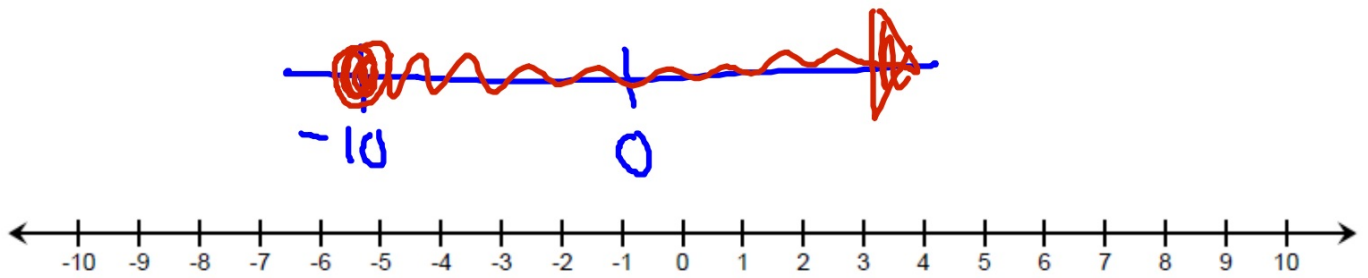
$$-5 \leq x$$



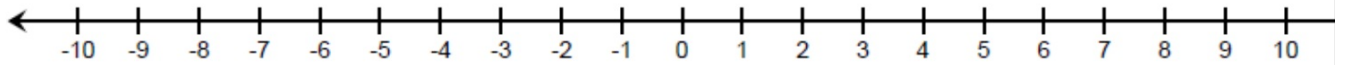
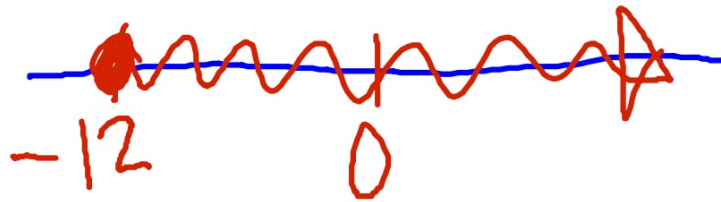
$$5 \geq x$$



$$-10 \leq X$$



$$x \geq -12$$
$$-12 \leq x$$





$$x \leq -3$$
$$-3 \geq x$$