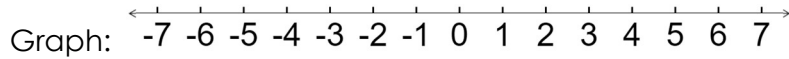


Write the inequality AND graph for each problem below in 7 - 10

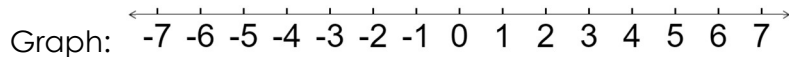
7) Fetty Wap has **at least 3 fans** in Mrs. Ledesma's 3rd period math class.

Inequality: _____



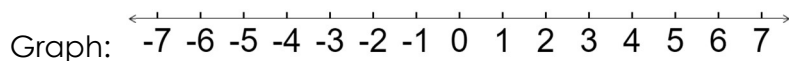
8) Mr. Shaw should send Mrs. Shaw **more than 6 roses per day**.

Inequality: _____



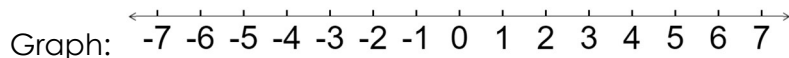
9) Shawn snuck into a G Rated movie because he thought you had to be **at most 10 years old**.

Inequality: _____



10) When trick or treating, Daniella's dream came true. A lady told her she could take **no less than 5 pieces of candy**.

Inequality: _____



More Practice with Inequalities

Write an inequality for each situation, and graph on a number line.

1) Students must score at least 800 to pass the CRCT. $x \geq 800$



2) You must be shorter than 48" to ride the kiddie train.



3) You should brush your teeth at least twice a day. $x \geq 2$



4) A good credit score is higher than 699.



5) Classes can have no more than 34 students. $x \leq 34$




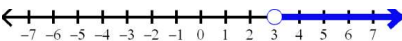
6) AJ needs to save more than \$500.

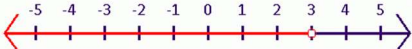
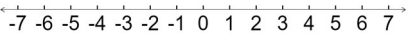

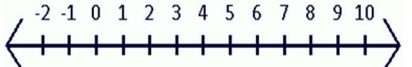

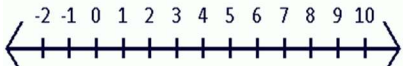


7) A book costs less than \$20 $x < 20$



More Inequalities Practice

1) Which number is a solution to the inequality below? $x > 4$ a) 1 b) 2 c) 4 d) 5	2) Which number is NOT a solution to the inequality below? $x \leq 8$ a) 6 b) 7 c) 8 d) 9
3) Which statement describes "a number more than 22"? a) $x < 22$ b) $x > 22$ c) $x \leq 22$ d) $x \geq 22$	4) Which statement describes "a number less than or equal to 43"? a) $x < 43$ b) $x > 43$ c) $x \leq 43$ d) $x \geq 43$
5) Which statement describes "a number no more than 17"? a) $x < 17$ b) $x > 17$ c) $x \leq 17$ d) $x \geq 17$	6) Which statement describes "at least 32"? a) $x < 32$ b) $x > 32$ c) $x \leq 32$ d) $x \geq 32$
7) Which number is a solution to $x + 4 > 12$? a) 3 b) 5 c) 7 d) 9	8) Which number is NOT a solution to $x - 3 < 10$? a) 7 b) 8 c) 10 d) 14
9) Which number is a solution to $3x > 12$? a) 4 b) 5 c) 2 d) 3	10) Which number is NOT a solution to $2x \leq 10$? a) 3 b) 4 c) 5 d) 6
11) Which inequality matches the graph below?  a) $n > 1$ b) $n \leq 1$ c) $n \geq 1$ d) $n \geq -1$	12) Which inequality matches the graph below?  a) $v > -3$ b) $v > 3$ c) $v \leq -3$ d) $v < 3$

13) Which inequality matches the graph below?  a) $x > 3$ b) $x < 3$ c) $x \leq 3$ d) $x \geq 3$	14) Which inequality matches the graph below?  a) $n < 0$ b) $n \leq 0$ c) $n \geq 0$ d) $n > 0$
15) Solve $x + 11 > 19$	16) Graph the solution to the inequality from question #15. 
17) Solve $x - 3 \leq 5$ $x \leq 8$	18) Graph the solution to the inequality from question #17. 
19) Solve $3x < 12$ $x < 4$	20) Graph the solution to the inequality from question #19. 
21) Solve $\frac{x}{4} \geq 2$ $x \geq 8$	22) Graph the solution to the inequality from question #21. 
23. Write an inequality for this statement "x is less than or equal to 7". $x \leq 7$	24. Write an inequality for this statement "x is greater than -9"