February 26, 2018

A.
$$2(3x-7) = -6(4x+2)$$

 $6x-14 = -34x-12$
 $6x+34x-14 = -34x+34x-12$
 $30x-14 = -12$
 $30x-14 = -12$

Solve and Graph

B.
$$7 > 4x - 15$$

$$4x-15$$
 $4x-15 < 7$
 $4x-15 < 7$
 $4x-15 < 7+15$
 $4x < 22$
 $4x < 23$
 $4x < 23$
 $4x < 33$
 $4x < 5.5$
 $4x < 5.5$

$$\frac{(v)^{2}-2x+\frac{6}{6}\leq\frac{5}{4}}{4+\frac{6}{5}\leq\frac{5}{4}} \qquad L CM$$

$$\frac{-40x+\frac{120}{4}\leq\frac{100}{5}}{-10x+\frac{24}{3}\leq\frac{25-24}{-10}}$$

$$\frac{-10x+\frac{24-24}{5}\leq\frac{1}{-10}}{\frac{-10}{3}}\leq\frac{1}{-10}$$

$$\frac{10x+\frac{24-24}{5}\leq\frac{1}{-10}}{\frac{23}{3}}$$

$$\frac{2}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}$$

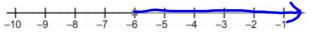
$$\frac{2}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}\frac{1}{3}$$

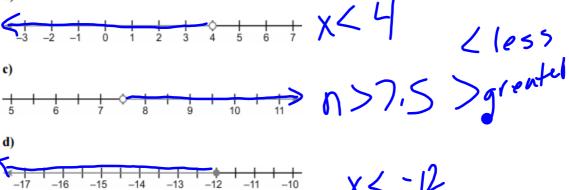
- 2. A taxicab charges \$2.50, plus \$1.78 per kilometre. identifies the variable
- A.Write a "let" statement.

B. Write an equation for the cost of the taxi ride.

- State 3 values of the variable that satisfy each inequality.
 - a) c < 7
- **b**) $a \ge -3$
- **d)** -1 ≥ y

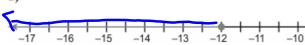
Write the inequality that is graphed on each number line.





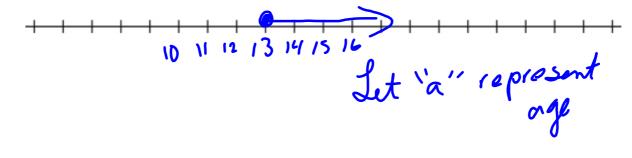








b) The minimum age you must be to watch the movie is 13.



Skateboards can be rented from two shops in a park.

Shop Y charges \$15 plus \$3 per hour Shop Z charges \$12 plus \$4 per hour

A. Write a "let" statement to represent the variable

B. write an expression for each shop

C. Determine the number of hours that will make the cost of shop Y equal to shop Z

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3, 9 [a,c,e], 11 [a,c], 12 [a,c], 17 [b]
-#13 a,b,d

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