

1. $x + 5 \geq 6$

2. $7 > x - 8$

3. $10 < -5 + x$



4. Jim went trick or treating and got c pieces of candy at the first house and 6 pieces of candy at the second house. If Jim has more than 9 pieces of candy in his pal, write, solve and graph an inequality to find how much candy Jim got at the first house.

Write Inequality: _____

Solve Inequality:



5. Bethany wants to buy a present for her friend that costs \$20. If Bethany has \$5 saved, write, solve and graph an inequality to find how much money Bethany will need to have at least \$20.

Write Inequality: _____

Solve Inequality:



6. $7x < 35$

7. $2 < \frac{x}{8}$

8. $16 \geq 4x$



9. Sam's parents let him go to the circus but told him to spend no more than \$15. If each ride costs \$3, write, solve and graph an inequality to find how many rides Sam can go on.

Write Inequality: _____


Solve Inequality:

Graph Inequality: 

10. Sally was so excited to know that she bought 8 pair of jeans at Canadian Eagle and spent less than \$96. If each pair of jeans cost the same amount write, solve and graph an inequality to find how many pair of jeans Sally could have bought.

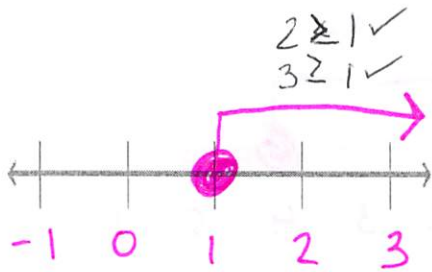
Write Inequality: _____

Solve Inequality:

Graph Inequality: 

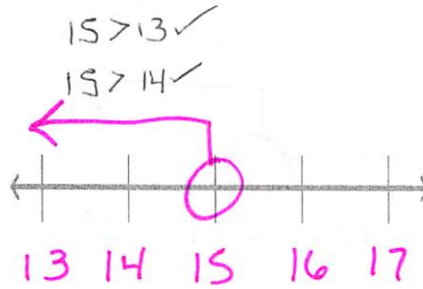
1. $x + 5 \geq 6$

$$\begin{array}{r} -5 \quad | \quad -5 \\ \hline x \geq 1 \end{array}$$



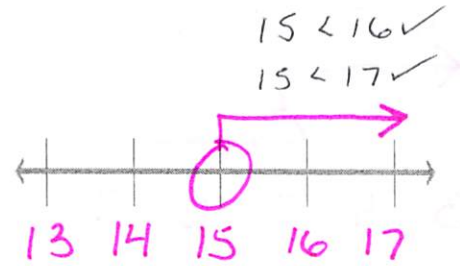
2. $7 > x - 8$

$$\begin{array}{r} +8 \quad | \quad +8 \\ \hline 15 > x \end{array}$$



3. $10 < -5 + x$

$$\begin{array}{r} +5 \quad | \quad +5 \\ \hline 15 < x \end{array}$$

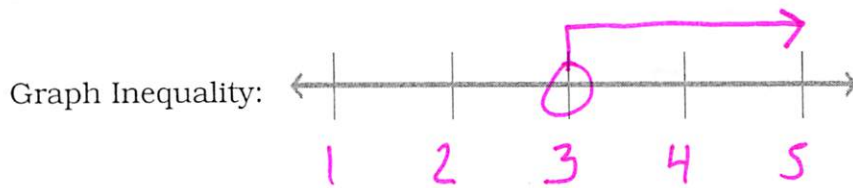


4. Jim went trick or treating and got c pieces of candy at the first house and 6 pieces of candy at the second house. If Jim has more than 9 pieces of candy in his pal, write, solve and graph an inequality to find how much candy Jim got at the first house.

Write Inequality: $c + 6 > 9$

Solve Inequality:

$$\begin{array}{r} -6 \quad | \quad -6 \\ \hline c > 3 \end{array}$$



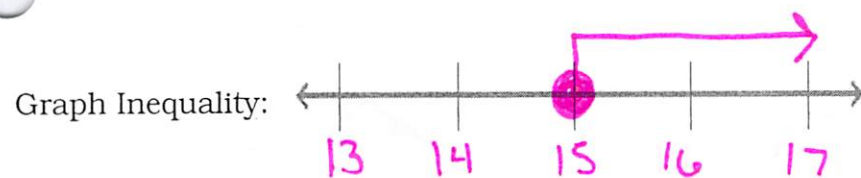
Jim got more than 3 pieces of candy at the 1st house.

5. Bethany wants to buy a present for her friend that costs \$20. If Bethany has \$5 saved, write, solve and graph an inequality to find how much money Bethany will need to have at least \$20.

Write Inequality: $5 + x \geq 20$

Solve Inequality:

$$\begin{array}{r} -5 \quad | \quad -5 \\ \hline x \geq 15 \end{array}$$

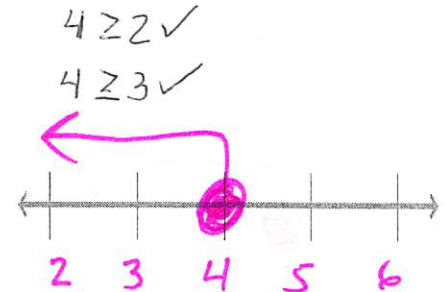
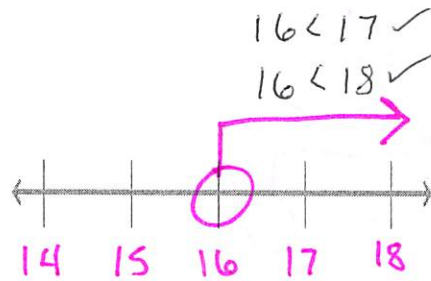
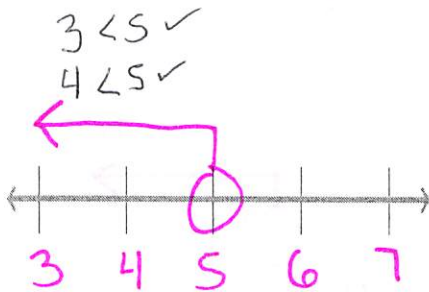


Bethany will need to save at least \$15 to buy the present

6. $7x < 35$
 $\div 7 \quad \div 7$
 $x < 5$

7. $2 < \frac{x}{8}$
 $\cdot 8 \quad \cdot 8$
 $16 < x$

8. $16 \geq 4x$
 $\div 4 \quad \div 4$
 $4 \geq x$

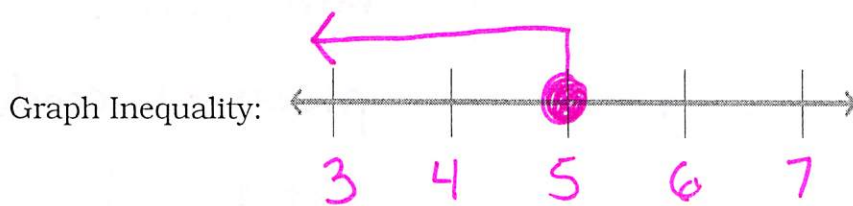


9. Sam's parents let him go to the circus but told him to spend no more than \$15. If each ride costs \$3, write, solve and graph an inequality to find how many rides Sam can go on.

Write Inequality: $3 \cdot r \leq 15$

Solve Inequality: $\div 3 \quad \div 3$
 $r \leq 5$

Sam can go on no more than 5 rides



10. Sally was so excited to know that she bought 8 pair of jeans at Canadian Eagle and spent less than \$96. If each pair of jeans cost the same amount write, solve and graph an inequality to find how many pair of jeans Sally could have bought.

Write Inequality: $8 \cdot j < 96$

Solve Inequality: $\div 8 \quad \div 8$
 $j < 12$

Sally bought less than 12 pair of jeans

