

Review for Final Exam Assignment #2

Solve each proportion.

1) $\frac{10}{8} = \frac{p}{10}$

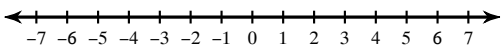
2) $\frac{2}{n} = \frac{9}{6}$

3) $\frac{n-2}{6} = \frac{6}{4}$

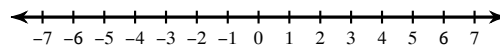
4) $\frac{5}{4} = \frac{m-8}{8}$

Draw a graph for each inequality.

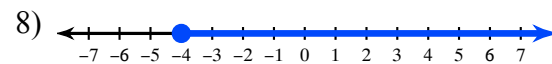
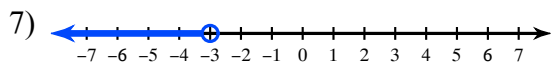
5) $x \leq -1$



6) $n \leq 1$

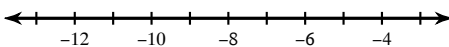


Write an inequality for each graph.

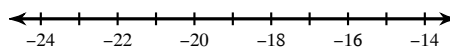


Solve each inequality and graph its solution.

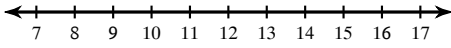
9) $-15 \geq v - 4$



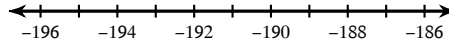
10) $-29 < v - 11$



11) $-112 \leq -8n$



12) $\frac{m}{19} < -10$



Solve each equation.

13) $|n - 2| = 8$

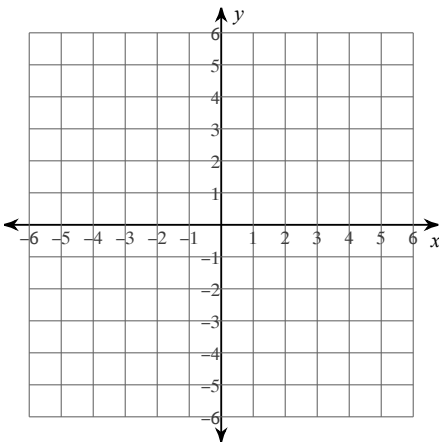
14) $|n + 7| = 10$

15) $|-5n| = 35$

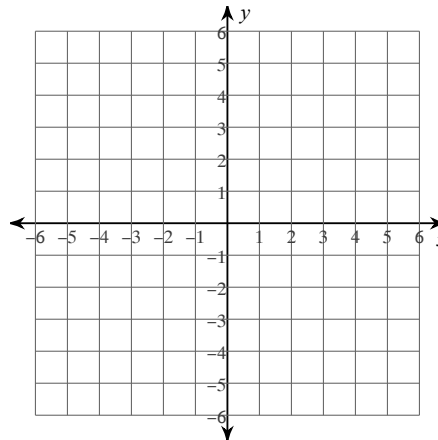
16) $\left|\frac{r}{4}\right| = 1$

Sketch the graph of each linear inequality.

17) $y < -\frac{3}{5}x + 5$



18) $y \geq -2x - 3$



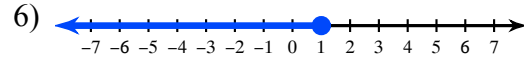
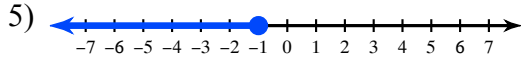
Answers to Review for Final Exam Assignment #2

1) $\{12.5\}$

2) $\{1.33\}$

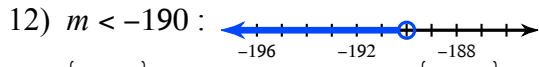
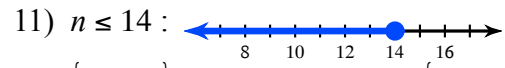
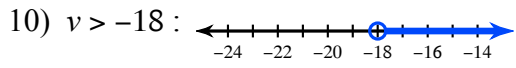
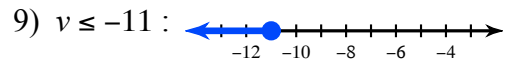
3) $\{11\}$

4) $\{18\}$



7) $n < -3$

8) $a \geq -4$



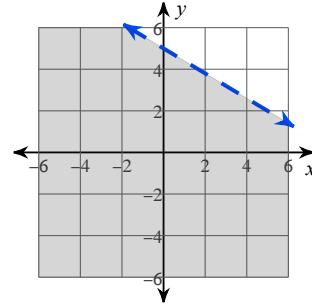
13) $\{10, -6\}$

14) $\{3, -17\}$

15) $\{-7, 7\}$

16) $\{4, -4\}$

17)



18)

