

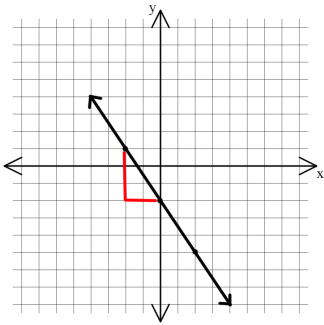
Pre-Algebra Homework #13 – Answer Key

1) $y = \text{cost of ticket}$ $x = \# \text{ of weeks}$ $y = 5.61x + 27.36$ 15 weeks

2) $\frac{3}{48}$

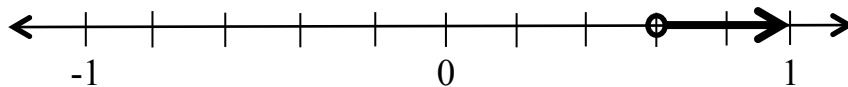
3) $y = \text{money budgeted}$ $x = \# \text{ of days}$ $y = -8x$ 57 days

4) See Graph: $y = \frac{-3}{2}x - 2$ constant of proportionality = $\frac{-3}{2}$

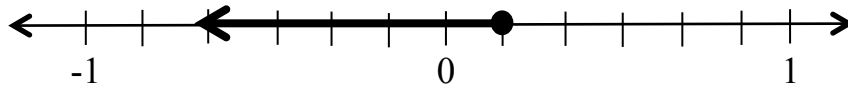


5) $y = 530x + 350$ \$27,910

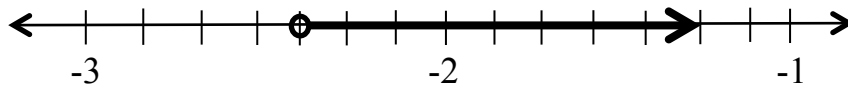
6) $x > \frac{3}{5}$



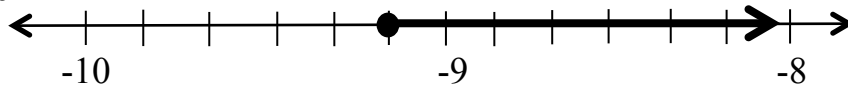
7) $x \leq \frac{1}{6}$



8) $x > \frac{-17}{7}$



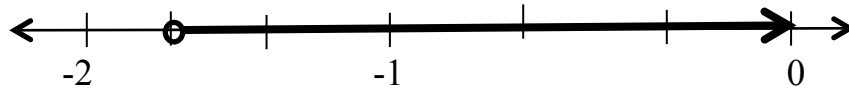
9) $x \geq \frac{-55}{6}$



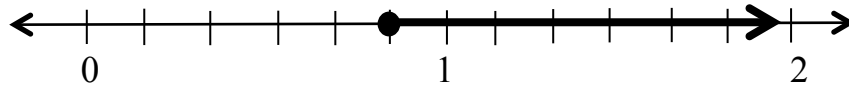
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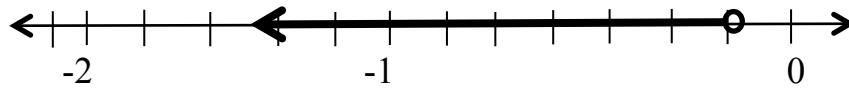
10) $x \geq \frac{-5}{3}$



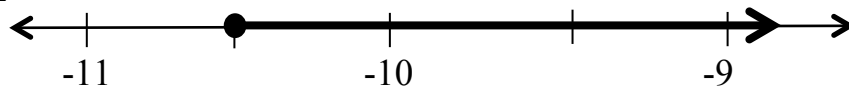
11) $x \geq \frac{5}{6}$



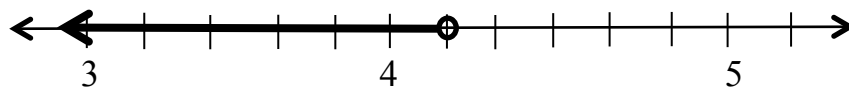
12) $x < \frac{-1}{7}$



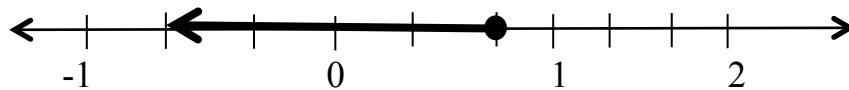
13) $x \geq \frac{-21}{2}$



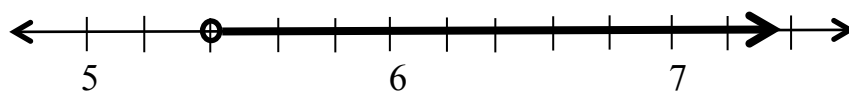
14) $x < \frac{21}{5}$



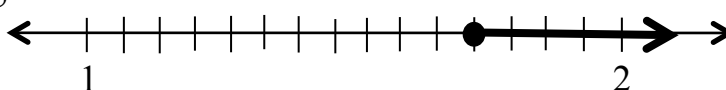
15) $x \leq \frac{2}{3}$



16) $x > \frac{27}{5}$



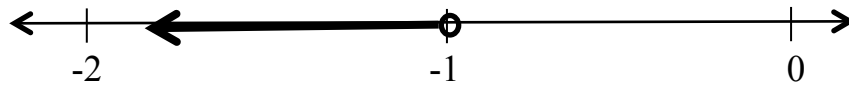
17) $x \geq \frac{26}{15}$



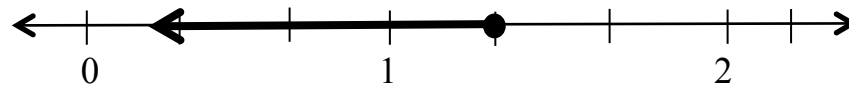
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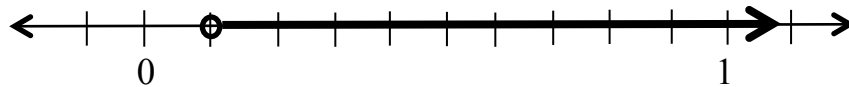
18) $x < -1$



19) $x \leq \frac{4}{3}$



20) $x < \frac{1}{10}$



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