

## Algebra II Homework #4 – Answer Key

1)  $x = \frac{-18}{101}$

2) 70 gallons

3)  $y = \frac{9amc - 30ac}{-8mx}$

4)  $\frac{1}{25}$

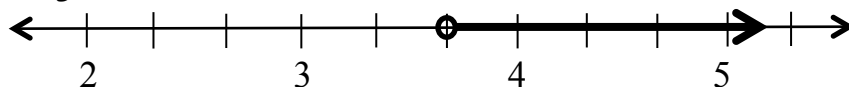
5) 9, 11, 13

6)  $x = 9$  or  $x = -1$

7) No solutions

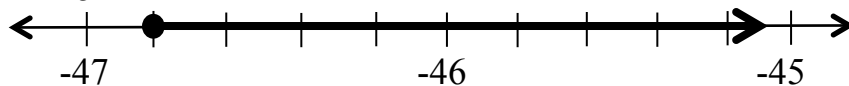
8) Midnight

9)  $x > \frac{11}{3}$



10) 4 p.m.

11)  $x \geq \frac{-234}{5}$



12) 7 p.m.

13)  $x = 2$  or  $x = -1$

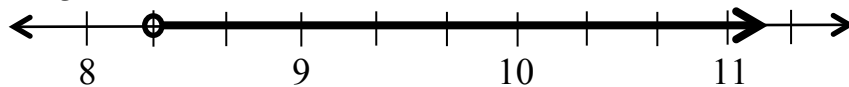
14) No Solutions

15) 1 a.m.

16) No Solutions

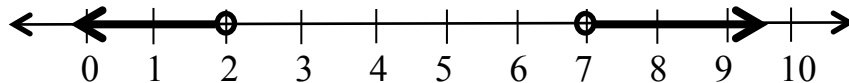
17) All Real Numbers

18)  $x > \frac{25}{3}$



19) No solutions

20)  $x < 2$  or  $x > 7$



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