

## Algebra I Homework #4 – Answer Key

- 1)  $-16$
- 2)  $\frac{7}{400}$
- 3)  $\frac{11}{3}$
- 4)  $-3$
- 5)  $\frac{139}{360}$
- 6)  $(x+7)-5$  and  $x+2$
- 7)  $x = \frac{-3}{7}$
- 8)  $180\%$
- 9)  $6\left(\frac{x}{3}+8\right)$  and  $2x+48$
- 10)  $175$
- 11)  $x = \frac{-3}{2}$
- 12)  $x-(x-12)$  and  $12$
- 13)  $x = \frac{14}{13}$
- 14)  $400$
- 15)  $6(x-5)+9$  and  $6x-21$
- 16)  $75\%$
- 17)  $x = \frac{-1}{2}$
- 18)  $(6x-8)-7$  and  $6x-15$
- 19)  $500$
- 20)  $x = \frac{15}{19}$

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