

1) $y = -11, 5$

2) $2x^2 - 5x - 4 = 0$

3) $(3.00 + 0.25x)(600 - 30x) = 1920$

4) None of the above. $(2 - 4i)$

5) $-\frac{3}{2} \pm \frac{\sqrt{7}}{2}i$

6) $x = -8, 27$

7) $x \leq 226$

8) $(-\infty, -7) \cup (8, \infty)$

9) I, II, and IV only

10) $\sqrt{13}$

11) GN has a positive slope and GT has a zero slope

12) $m = 2; b = -5$

13) $2x - y = -11$

14) \$840

15) $(-3, 0); (2, 0); (0, -6)$