

1. $x = \frac{T - 10a}{5a + 1}$

2. $x = 8/3$

4. a, b, e

5.a. true b. false c. false d. true

6. Your line should have gone through $(0, 4/3)$ and approximately $(1, 1)$, $(4, 0)$.

7. $y = \frac{5}{2}x - 5$

8. $x = 3$

9. $y = \frac{-3}{4}x + \frac{15}{4}$

10. $y = \frac{-1}{2}x + 5$

11. $x = 6$ units12. (a.) $y = 17 + .22x$ (b.) $x = 125$ miles