

1) All have the same solution; 3

4a) 51 was added to both sides

4b) Both sides divided by 82

6) Subtracted 72

7) multiplied by $\frac{5}{3}$

8) Divided by .004

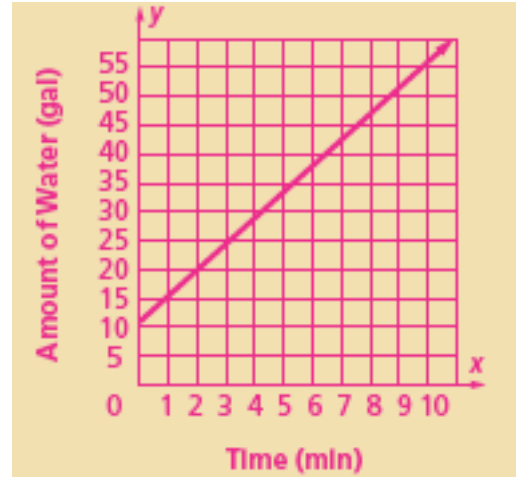
12) The student incorrectly subtracted 32 from both sides; it should have been added

13a) $x = \frac{c - 5y}{3}$

15a) Let c be the number of cards in a pack.

$$200 + 5c + 2c = 284$$

15b) 12 cards



16a)

Time (min)	Amount of Water (gal)
0	11
1	15.5
2	20
5	33.5
7	42.5
10	56

16b) 42.5 gallons

16c) 10 minutes

19a) Symmetric

19b) Mean about 19.73 mosquitoes; m.a.d. 1.52