

2a) 432 added to each side

2b) $t = 22$

5) A They are Equal

6) $x = 14$

7) $A = 5$

8) $y = -\frac{1}{2}$

9) $B = \frac{2}{5}$

10) $d = -20$

11) $n = 2$

12) $P = 18.5$

13) $m = -56$

15a) Let g be the number of gallons the driver bought.

$$1.5 + 2.39g = 31.15$$

15b) g is about 12.4 gallons

17a) Let r be the number of gallons the driver bought.

$$3 + 7r = 80$$

17b) $r = 11$ seats

20) $y = 5.15$

21) $a = 3$

26) $-35p - 6q$

27) $a + 3b$

28) -25

29) $y = 128$

30) $x = \frac{c-b}{a}$