

$$3(a) \quad 3n - 2 = 46$$

adding 2 on both sides

$$3n - \cancel{2} + \cancel{2} = 46 + 2$$

dividing both sides by 3

$$\frac{\cancel{3}n}{\cancel{3}} = \frac{\cancel{48} + 16}{\cancel{3}}$$

$$\Rightarrow n = 16$$

$$3(b) \quad 5m + 7 = 17$$

Subtracting 7 from both sides

$$5m + \cancel{7} - \cancel{7} = 17 - 7$$

$$\Rightarrow 5m = 10$$

dividing both sides by 5

$$\frac{\cancel{5}m}{\cancel{5}} = \frac{\cancel{10} + 2}{\cancel{5}}$$

$$\Rightarrow m = 2$$