

26.) $\frac{2}{5}h - 7 = \frac{12}{5}h - \frac{10}{5}h + 3$

$\frac{2}{5}h - 7 = \frac{2}{5}h + 3$

$\frac{2}{5}h - \frac{2}{5}h - 7 = \frac{2}{5}h - \frac{2}{5}h + 3$

$-7 = 3$ No Solution

$$32.) \quad \frac{1}{8}(3d-2) = \frac{1}{4}(d+5)$$

$$\frac{3}{8}d - \frac{1}{4} = \frac{1}{4}d + \frac{5}{4}$$

$\quad \quad \quad + \frac{1}{4} \qquad \qquad \quad + \frac{1}{4}$

$$\frac{3}{8}d = \frac{1}{4}d + \frac{6}{4}$$

$$\frac{-2}{8}d \quad \quad \frac{-2}{8}d$$

$$\frac{1}{8}d = \frac{6}{4} \cdot \frac{8}{1}$$

$$d = 12$$

$$36.) \quad 5[2p - 4(p+5)] = 25$$

$$5[2p - 4p - 20] = 25$$

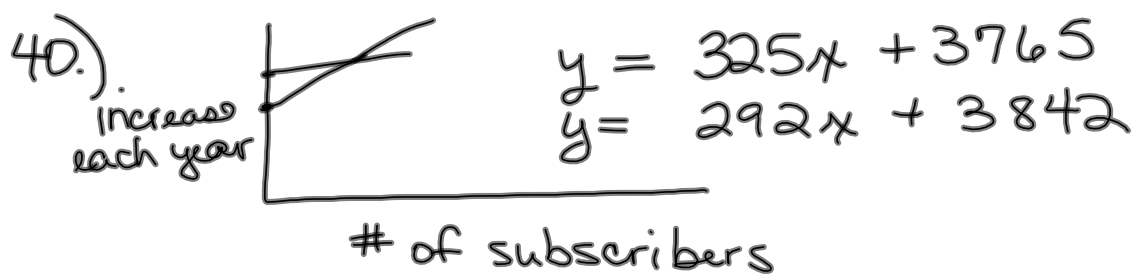
$$5[-2p - 20] = 25$$

$$\begin{array}{r} -10p - 100 = 25 \\ +100 \quad +100 \end{array}$$

$$\frac{-10p}{-10} = \frac{125}{-10}$$

$$p = -12.5$$

$$\begin{aligned} 14.) \quad & \cancel{6} \cdot \frac{b-4}{\cancel{6}} = \frac{b}{\cancel{2}} \cdot \cancel{6}^3 \\ & b-4 = 3b \\ & \begin{array}{r} b-4 = 3b \\ -b \quad -b \\ \hline -4 = 2b \end{array} \\ & \begin{array}{r} -4 = 2b \\ \frac{-4}{2} = \frac{2b}{2} \\ \hline -2 = b \end{array} \end{aligned}$$



$$325x + 3765 = 292x + 3842$$

$$\quad \quad \quad -3765 \quad \quad \quad -3765$$

$$325x = 292x + 77$$

$$\quad \quad \quad -292x \quad \quad \quad -292x$$

$$\frac{33}{33}x = \frac{77}{33}$$

$$x = \text{about } 2\frac{1}{3} \text{ yrs}$$

$$\begin{aligned} 22) \quad & 12(x) = 16(x-2) \\ & 12x = 16x - 32 \\ & \quad -12x \quad -12x \\ & 0 = 4x - 32 \\ & \quad +32 \quad \quad +32 \\ & \quad \quad \quad 32 = 4x \\ & \quad \quad \quad \frac{32}{4} = \frac{4x}{4} \\ & \quad \quad \quad 8 = x \end{aligned}$$

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$$2) \quad 2(7 + 3t) = -t$$

$$14 + 6t = -t$$

$-6t \quad -6t$

$$\frac{14}{-7} = \frac{-7t}{-7}$$

$$\boxed{-2 = t}$$