

$$\begin{array}{l} 3x + 127 \\ \hline 6x + 175 \end{array}$$

$$3x + 127 = 6x + 175$$

$$6x - 3x = 127 + 175$$

$$3x = 48$$

$$x = 48/3 = 16$$

$$\begin{array}{l} 6x + 3x = 127 + 175 \\ 9x = 302 \\ x = 33.5 \end{array}$$

$$3x + 127 = 6x + 175$$

$$3x - 6x = 175 - 127$$

$$-3x = 48$$

$$x = 48/-3 = -16$$

ou

$$9x + 40 = 4x + 140$$

$$9x - 4x = 140 - 40$$

$$5x = 100$$

$$x = 20$$

$$9x + 40 - 4x - 140 = 0 \rightarrow 5x - 100 = 0 \rightarrow x = 20$$

$$5x - 100 = 100 - 5x \rightarrow x = -100/-5 = 20$$

$$9x + 210 = 4x + 140 \rightarrow (4x + 140) - 4x = (9x + 210) - 4x$$

$$140 = 5x + 210 \rightarrow 5x = 210 - 140 \rightarrow x = 70/5$$

$$x = 14$$

$$\begin{array}{l} 8x + 36 \\ \hline 5x + 60 \end{array}$$

$$8x + 36 = 5x + 60$$

$$8x - 5x = 60 - 36$$

$$3x = 24 \rightarrow x = 24/3 = 8$$

$$5x + 100 = 3x + 112$$

$$5x - 3x = 112 - 100$$

$$2x = 12$$

$$x = 12/2 = 6$$

$$\begin{array}{l} 5x + 100 \\ \hline 3x + 112 \end{array}$$

$$\begin{array}{l} 2x + 62 \\ \hline 5x + 38 \end{array}$$

$$2x + 62 = 5x + 38$$

$$+62 \quad 2x - 5x - 62 = 38 - 62 \quad -3x = -24 \rightarrow x = 8$$

$$\frac{-3x}{-3} = \frac{-24}{-3} \rightarrow x = 8$$

$$a = b \rightarrow 2x + 156 = 4x + 192$$

$$2x - 4x = 192 - 156$$

$$x = 20 = 18 \quad (-2) \rightarrow x = 18$$

$$\begin{array}{l} a \\ \hline b \end{array}$$

$$\begin{array}{l} 8x + 207 \\ \hline 6x + 185 \end{array}$$

$$8x - 6x = 207 + 185$$

$$2x = 392$$

$$x = 392/2 = 196$$

②

24/11/2019

ATENÇÃO  
AOS SINAIS!

ATENÇÃO A  
TRANSFORMAÇÃO!

③

$$\begin{array}{l} 210 \\ \hline 9x + 40 \\ \hline 4x + 140 \end{array}$$

④

⑤

⑥

⑦

⑧

→ 2x passa  
como (-2) na  
divisão, a tro-  
ca é de opera-  
ção, não de sinal

*[Signature]*