

x parts = numbers

Q4) $5x + 2 = 4x + 8$

$$\begin{array}{l|l|l} -4x & 1x + 2 = 8 & -4x \\ -2 & 1x = 6 & -2 \\ \hline & & \div 1 \end{array}$$

Q5) $7x + 3 = 5x + 9$

$$\begin{array}{l|l|l} -5x & 2x + 3 = 9 & -5x \\ -3 & 2x = 6 & -3 \\ \hline \div 2 & 1x = 3 & \div 2 \end{array}$$

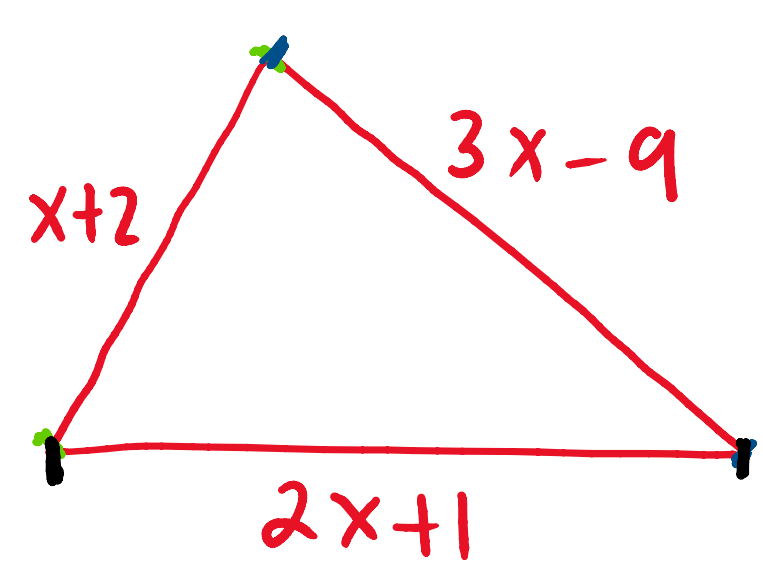
Q6) $5x + 1 = 3x + 11$

$$\begin{array}{l|l|l} -3x & 2x + 1 = 11 & -3x \\ -1 & 2x = 10 & -1 \\ \hline \div 2 & 1x = 5 & \div 2 \end{array}$$

Q7) $6x + 2 = 3x + 5$

$$\begin{array}{l|l|l} -3x & 3x + 2 = 5 & -3x \\ -2 & 3x = 3 & -2 \\ \hline \div 3 & 1x = 1 & \div 3 \end{array}$$

Q18)



Perimeter = 36cm

Find x

Perimeter - All the outside parts added

$$\boxed{x+2} + \boxed{3x-9} + \boxed{2x+1} = 36$$

Classwork

Pg 322

Q 8 \rightarrow A x parts $1x + 3x + 2x = 6x$ numbers : $+2 - 9 + 1 = -6$

$6x - 6 = 36$

$$\begin{array}{l|l|l} +6 & 6x = 42 & +6 \\ \hline \div 6 & 1x = 7 & \div 6 \end{array}$$

Q6) $6x - 2 = 4x + 10$

$$\begin{array}{l|l|l} -4x & 2x - 2 = 10 & -4x \\ +2 & 2x = 12 & +2 \\ \hline \div 2 & 1x = 6 & \div 2 \end{array}$$

 x parts = numbersBring smaller x part to the bigger part.H/W Pg 322 Q 10 \rightarrow 17.