Fraction simultaneous equations 03 February 2020 15:10

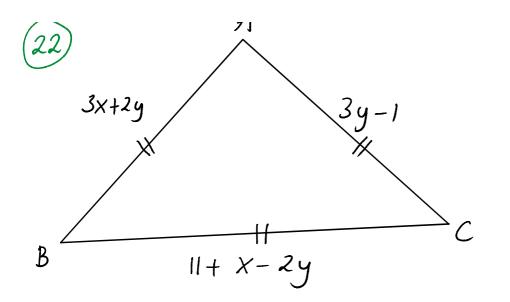
Eg1) Solve for x and y

$$3x+y=9$$

 $\frac{2}{x} - \frac{2}{y^2} - \frac{2}{z^2}$ Get rid of the fraction
 $\Rightarrow x-2y=-4$
 $3x+y=9(2)$ Simultaneous equation
 $x-2y=-4$
 $=) 6x+2y=18$
 $\frac{x-2y=-4}{7x} = 14$
 $=2 | -7 -6| y=3 | -6$

$$\begin{array}{c} (\widehat{Q}_{20}) & 3x + y = 27 \\ x & 12 \\ x & -2y = 2 \\ 3x + y = 27 (2) \\ \hline x - 2y = 2 \\ 3x + y = 27 (2) \\ \hline x - 2y = 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline y = 3 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x - 2y = -6 \\ \hline x - 2 \\ \hline x$$

Find x and y



Find x and y and the length of the side.