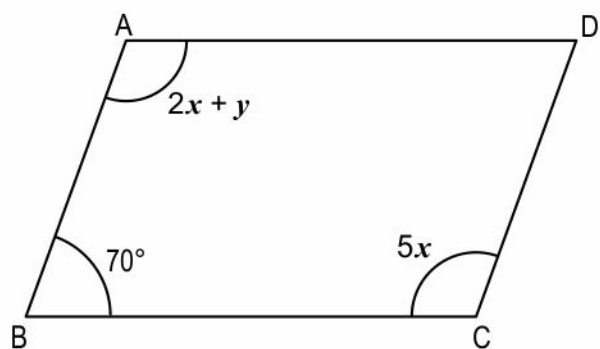


Pair of Linear Equations in Two Variables

$$\begin{array}{rcl} 5x - 2y & = & 4 \\ -6x + 2y & = & 16 \\ \hline -x & = & 20 \end{array}$$





Q.No	What to look for	Marks
	$x = -x$ $\begin{array}{rcl} 5x - 2y & = & 4 \\ -6x + 2y & = & -16 \\ \hline -x & = & -12 \end{array}$	
	$\frac{a_1}{a_3} = \frac{b_1}{b_3} = \frac{c_1}{c_3}$ $p \quad q$	
	$\frac{a_1}{a_2} = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$ $\frac{a_1}{a_3} = \frac{b_1}{b_3} = \frac{c_1}{c_3}$	



Q.No	What to look for	Marks
	$\begin{matrix} x & y & x \\ x & & \end{matrix}$	
	x	
	$x \qquad y$	
	$x \qquad y \text{ km/h}$	
	$\text{---} \qquad \text{---} \text{---} \text{---} \text{---} \text{---}$	
	$\text{---} \quad m \quad \text{---} \quad n \qquad m \quad n$	
	$\text{---} \qquad \text{---} \qquad 3m + 12n \qquad 5m + 10n \qquad m \quad n$	
	$x \text{ ---} \qquad y$	