$$4 + 0 = k$$

5) To find the values of x and y for the equations x- 2 y = 5 and 2 x+ 3 y = 10 complete the activity.

$$D = \begin{vmatrix} 1 & -2 \\ 2 & 3 \end{vmatrix} = 3 + 4 = 7$$

$$D_{i} = \begin{vmatrix} 5 & -2 \\ 10 & 3 \end{vmatrix} = \boxed{35}$$

$$D_{y} = \begin{vmatrix} 1 & 5 \\ 2 & 10 \end{vmatrix} = \boxed{\bigcirc}$$

$$X = \frac{Dx}{D} = \boxed{5}$$
, $y = \frac{Dy}{D} = \boxed{0}$

Q.2B) Pathof 2 marks Page 5 of 10

1) The difference between of larger and an arrangement of larger and arrangement of larger arrangement of larger and arrangement of larger and arrangement of larger arrangement of larger arrangement of larger and arrangement of larger arrangemen 1) The difference between an angle and its complement is 10° find measure

2) Find the value of $\begin{vmatrix} 5 & 2 \\ 0 & -1 \end{vmatrix} = -5$

3) For the equation y + 2x = 19 and 2x - 3y = -3 Find the value of D = 8

A) In the equation 2x - y = 2 if x = 3 then find y = ?

5) If (2, -5) is the solution of the equation 2x - ky = 14 then find k =?

6) For the equation a + 2b = 7 find a when b = 4, 0 = -1