

$$x = \frac{|B_1|}{|A|} \text{ and } y = \frac{|B_2|}{|A|}$$

$$|B_1| = -6 \times 8 - 10 \times 4 \Rightarrow -48 - 40 \Rightarrow -88$$

$$|B_2| = 3 \times 10 - 8 \times 1 \Rightarrow 30 - 8 \Rightarrow 22$$

$$x = \frac{-88}{-22} = 4$$

$$y = \frac{22}{-22} = -1$$

Therefore, $x = 4$ and $y = -1$.

Verify the values substituting in the equations.