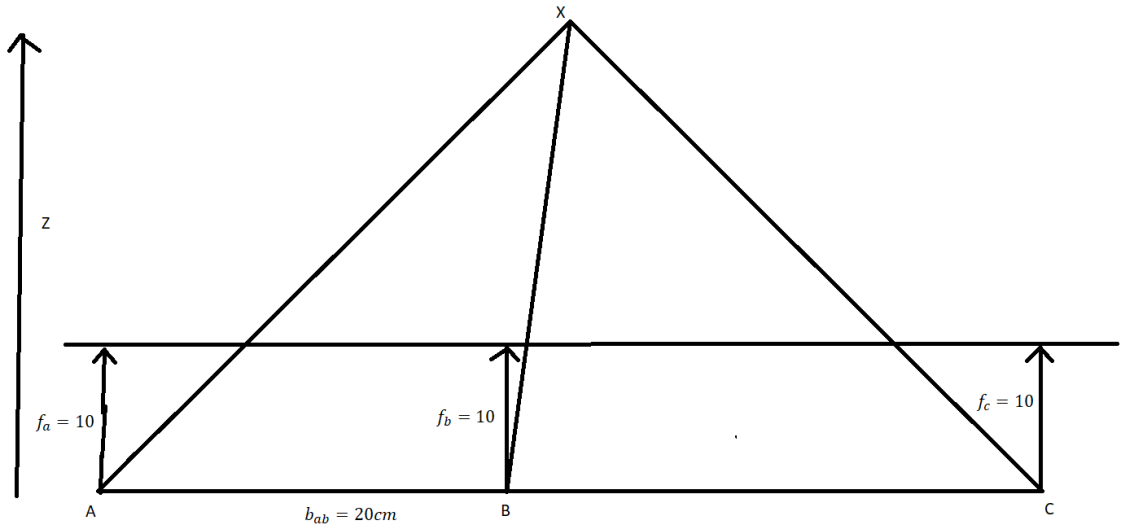

$10\ pixel = 0.235cm$ and considering 96 resolutions for conversion of pixel values to centimetres,

$$Z = \frac{bf}{d}$$

$$f = f_a = f_b = f_c = 10\ pixel = 0.235cm$$

$$d_{ab} = 5\ pixel = 0.132cm$$

$$d_{bc} = 4\ pixel = 0.106cm$$

$$Z = \frac{b_{ab} * f}{d_{ab}}$$

$$Z = \frac{20 * 0.235}{0.132} = 35.61\ cm$$

As, Cameras A, B and C all lies in same plane,

$$Z = \frac{b_{bc} * f}{d_{bc}}$$

$$35.61 = \frac{b_{bc} * 0.235}{0.106}$$

$$\boldsymbol{b_{BC} = 16.06\ cm}$$