



## 4 (c) (i)

Measure the length of side [ab] and the length of its image [a'b'].

[ab] = 2 cm[a'b'] = 4 cm

Scale factor 
$$k = \frac{|\text{Image length}|}{|\text{Object length}|}$$
 .....

$$\therefore k = \frac{|a'b'|}{|ab|} = \frac{4}{2} = 2$$

