

PRACTICE SHEET -4-DILATION- (20 marks)

1. The ordered pair A (1 , 1) , B (3 , 1) after dilation when scale factor is K = 2 is

A (,) and B (,)

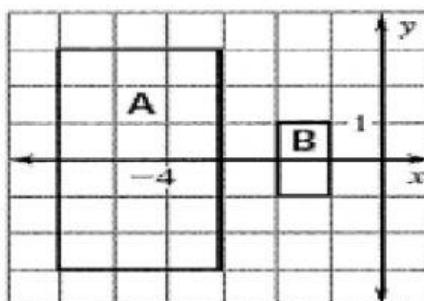
2. The ordered pair A (0 , 0) , B (-3 , 2) after dilation when scale factor is K = 5 is

A (,) and B (,)

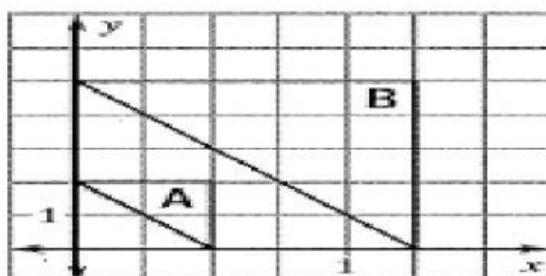
3. The scale factor K after the dilation of point A (3 , 4) to B (9 , 12) is K =

4. The scale factor K after the dilation of point A (-2 , -3) to B (-10 , -15) is K =

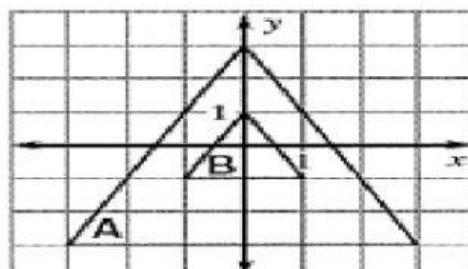
5. If the image B is dilated to image A then scale factor K =



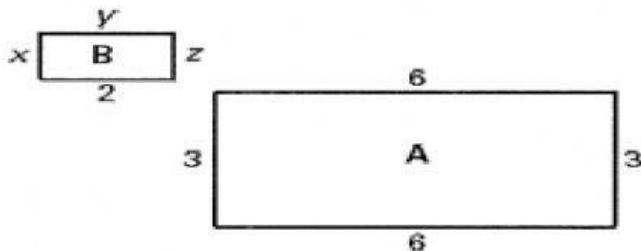
6. If the image A is dilated to image B then scale factor K =



7. If the image B is dilated to image A then scale factor K =



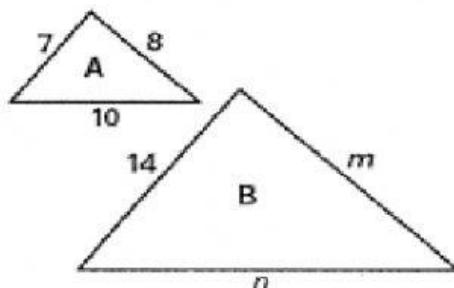
8. If image B is dilated to image A then the sides of image B are $x =$



$$y = \boxed{}$$

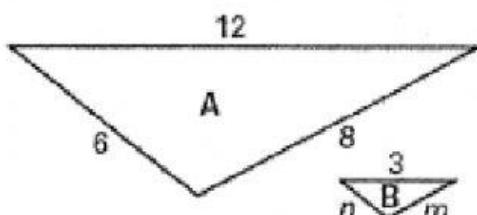
$$z = \boxed{}$$

9. If image B is dilated to image A then the sides of image B are $m =$



$$n = \boxed{}$$

10. If image B is dilated to image A then the sides of image B are $m =$



$$n = \boxed{}$$