

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 (,)

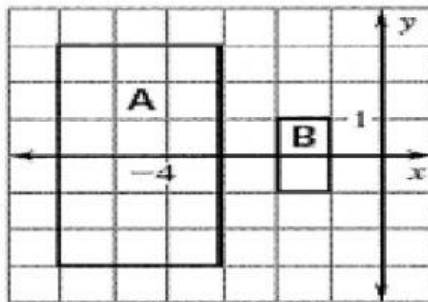
2. The ordered pair A (0 , 0) , B (- 3 , 2) after dilation when scale factor is $K = 5$ is

A (,) and B (,)

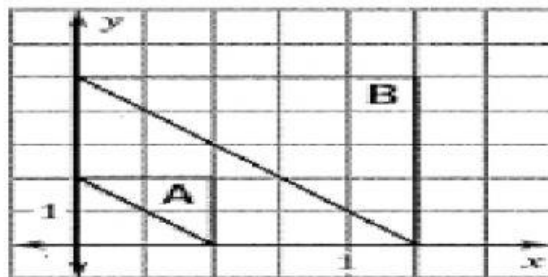
3. The scale factor K after the dilation of point A (3 , 4) to B (9 , 12) is $K =$

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

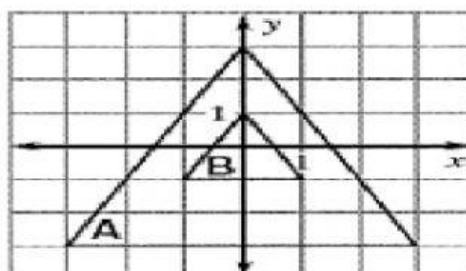
5. If the image B is dilated to image A then scale factor $K =$



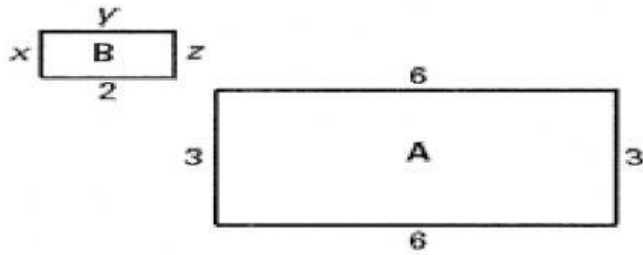
6. If the image A is dilated to image B then scale factor $K =$



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



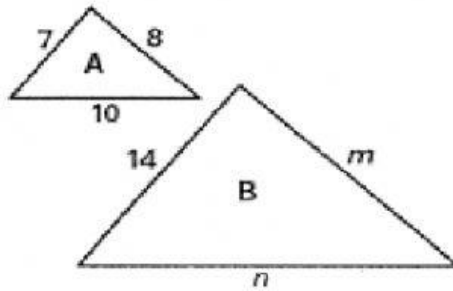
8. If image B is dilated to image A then the sides of image B are $x =$



$y =$

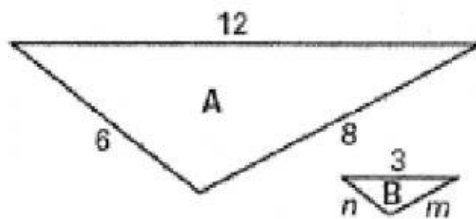
$z =$

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



$n =$

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



$n =$