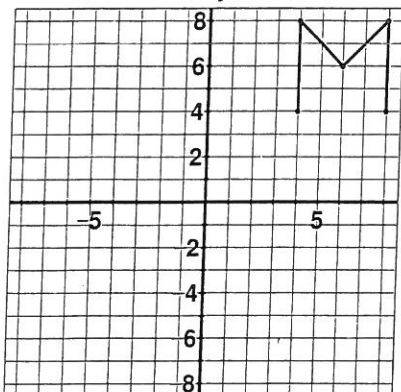


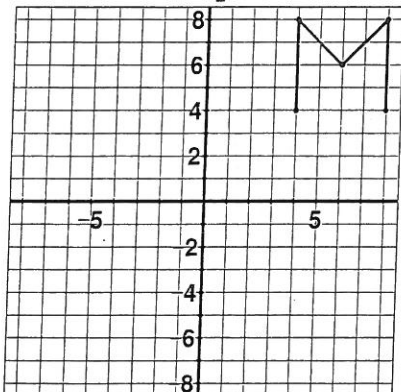
## Lesson 2.1

Perform the given dilation on each given pre-image with the given center of dilation.

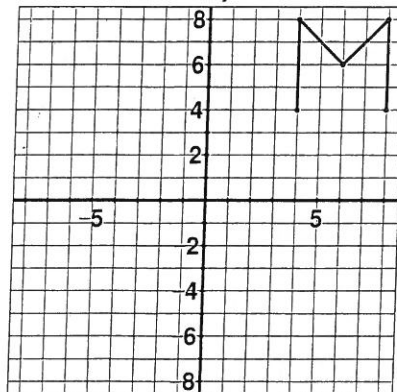
1. Dilate by  $c = \frac{1}{4}$ , center  $(0,0)$



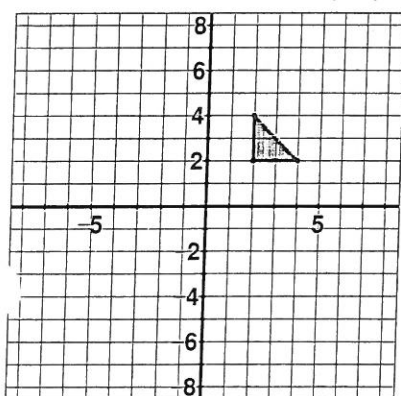
2. Dilate by  $c = \frac{1}{2}$ , center  $(2,2)$



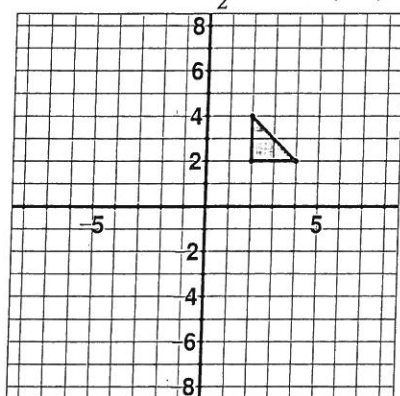
3. Dilate by  $c = \frac{3}{4}$ , center  $(0,0)$



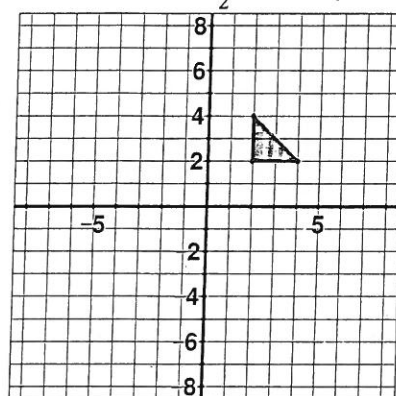
4. Dilate by  $c = 2$ , center  $(6,4)$



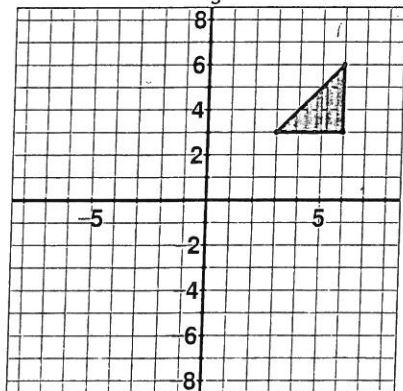
5. Dilate by  $c = \frac{3}{2}$ , center  $(0,0)$



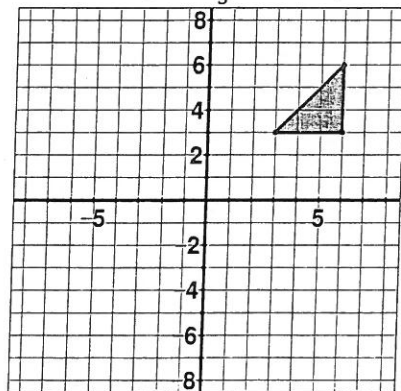
6. Dilate by  $c = \frac{1}{2}$ , center  $(-6,2)$



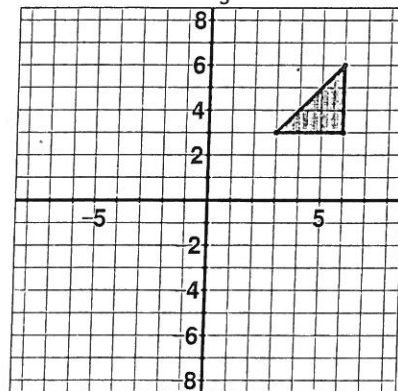
7. Dilate by  $c = \frac{1}{3}$ , center  $(0,0)$



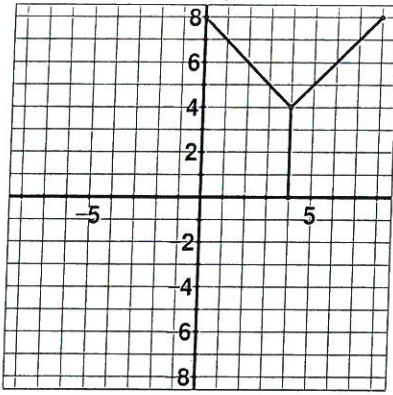
8. Dilate by  $c = \frac{2}{3}$ , center  $(-3,-6)$



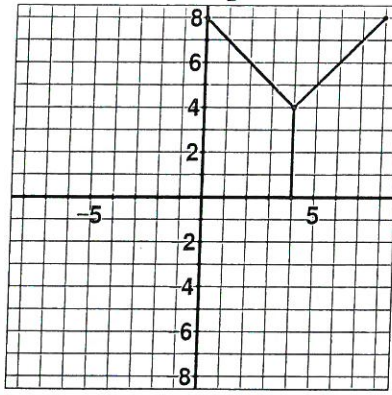
9. Dilate by  $c = \frac{4}{3}$ , center  $(0,0)$



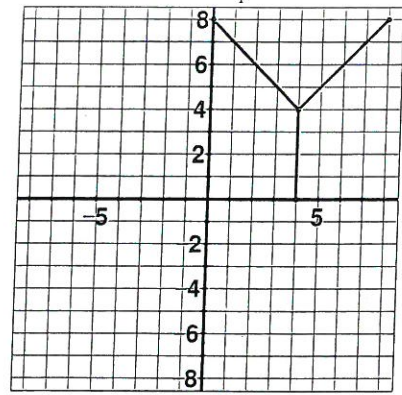
10. Dilate by  $c = \frac{1}{4}$ , center  $(4,4)$



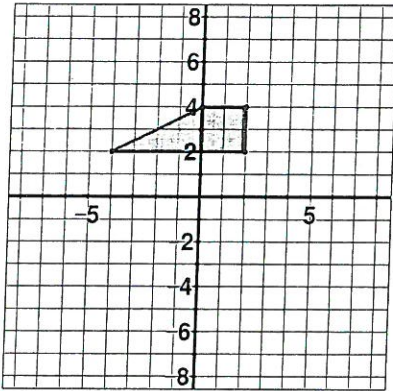
11. Dilate by  $c = \frac{1}{2}$ , center  $(0,0)$



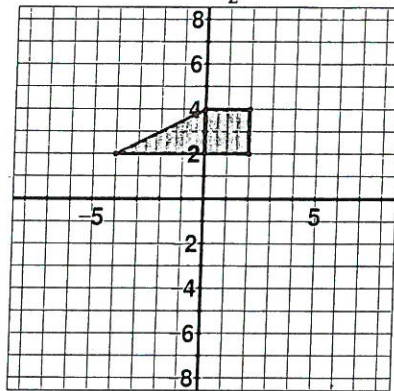
12. Dilate by  $c = \frac{3}{4}$ , center  $(-4,8)$



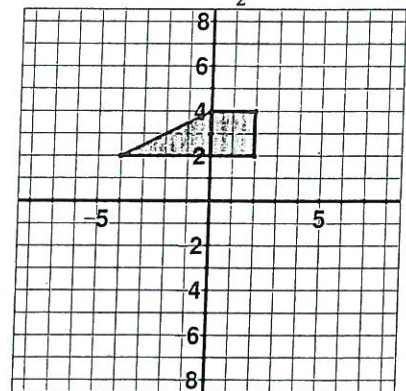
13. Dilate by  $c = 2$ , center  $(0,0)$



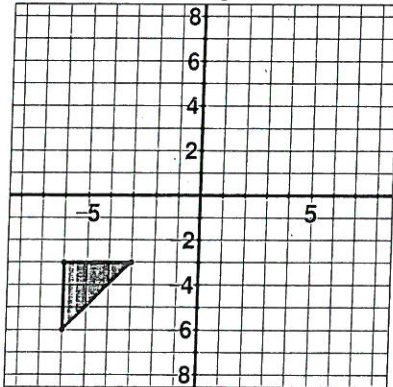
14. Dilate by  $c = \frac{3}{2}$ , center  $(-4, -2)$



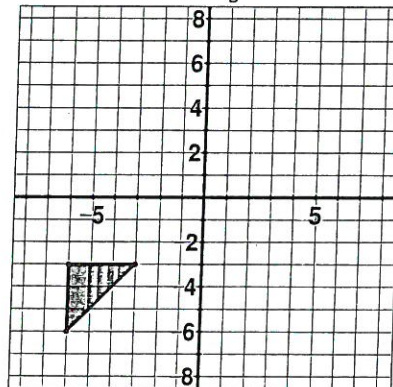
15. Dilate by  $c = \frac{1}{2}$ , center  $(0,0)$



16. Dilate by  $c = \frac{1}{3}$ , center  $(3,0)$



17. Dilate by  $c = \frac{2}{3}$ , center  $(0,0)$



18. Dilate by  $c = \frac{4}{3}$ , center  $(0, -6)$

