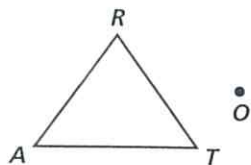


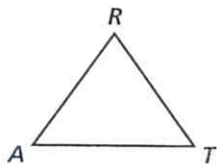
Practice 9-5

Draw $\triangle A'R'T'$ under the dilation with the given center and scale factor.

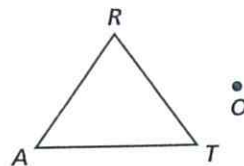
10. center O , scale factor $\frac{1}{2}$



11. center T , scale factor $\frac{1}{2}$

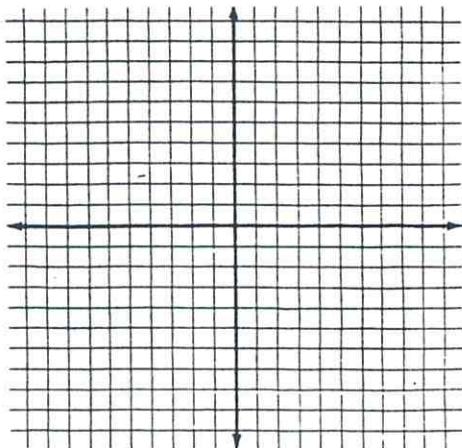


12. center O , scale factor 2

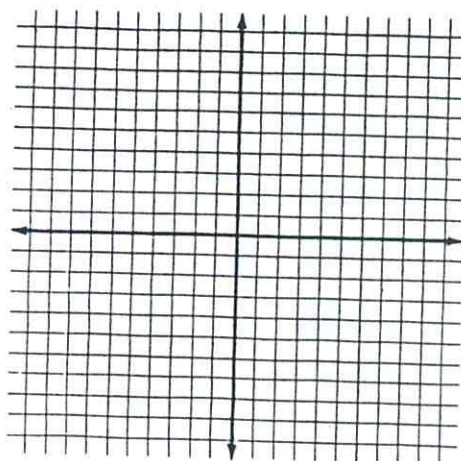


Find the image of $\triangle PQR$ for a dilation with center $(0, 0)$ and the given scale factor.

13. $P(-6, 6)$, $Q(-3, 0)$, $R(0, -3)$
scale factor 2



14. $P(-2, 1)$, $Q(5, -1)$, $R(7, 8)$
scale factor $\frac{1}{4}$



15. $P(-10, 5)$, $Q(-5, 0)$, $R(0, 5)$
scale factor $\frac{1}{5}$

