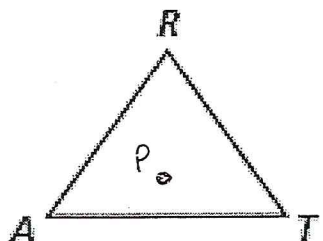


6. center P scale factor 2



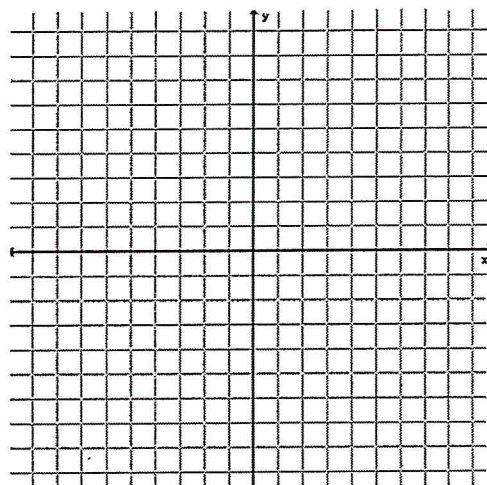
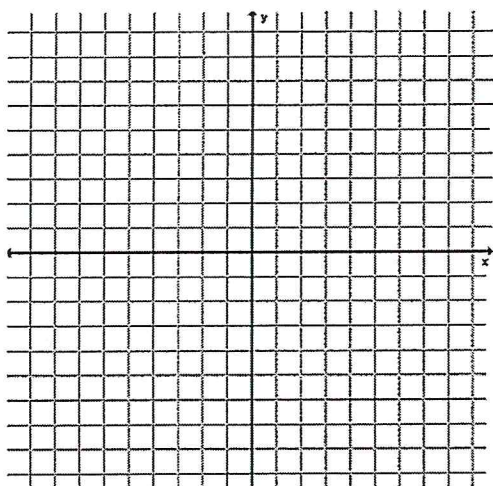
7. Find the circumference of a circle with radius 7cm.

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

8. $P(-6, 6)$, $Q(-3, 0)$, $R(0, -3)$

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

with scale factor $\frac{2}{3}$



10) Find the volume of a sphere with diameter 12m.