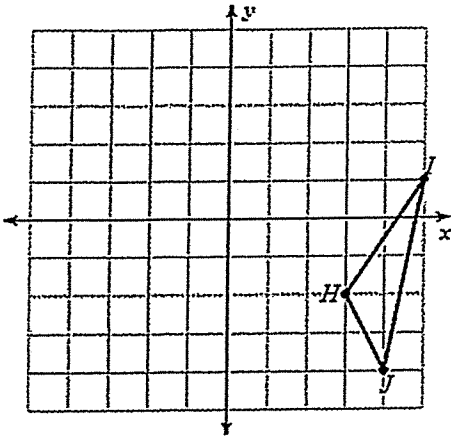


Rotations
Practice 2

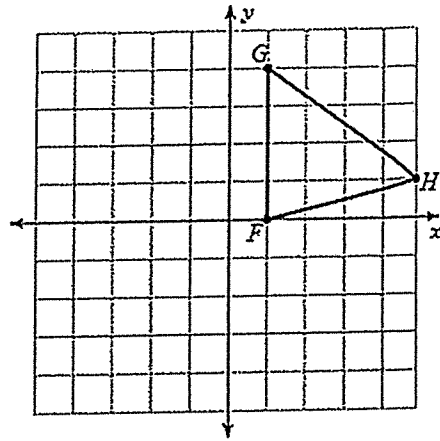
Name:

Graph each figure using the given rotation angle.

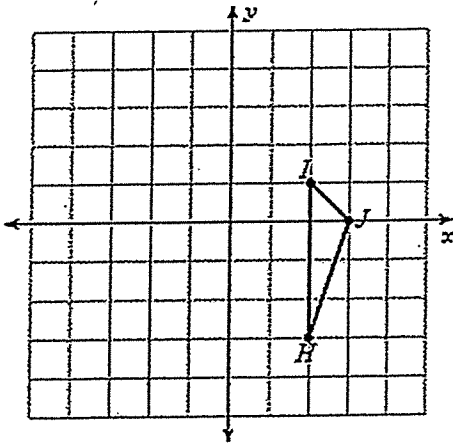
1) 180° about point H



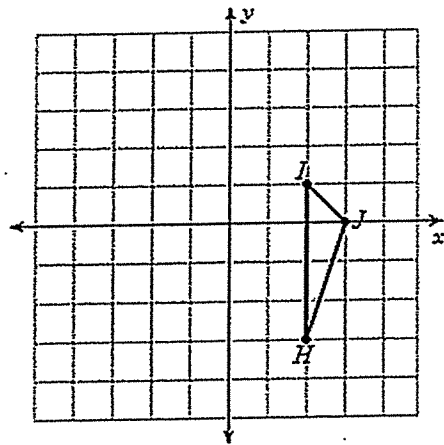
2) 270° about point F



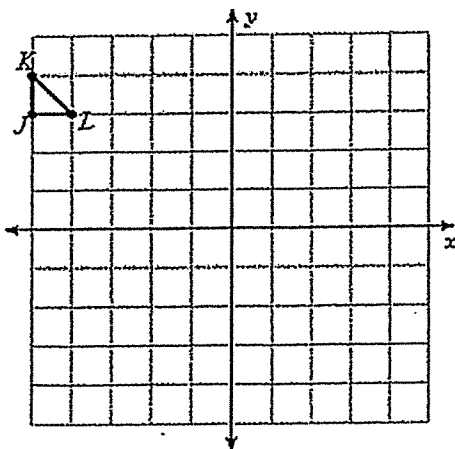
3) 90° about point I



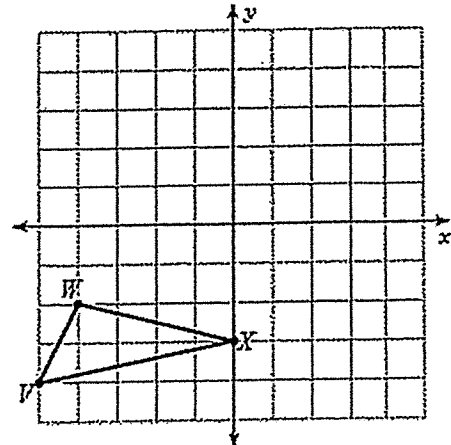
4) 90° about the origin



5) 90° about point L



6) 180° about point X

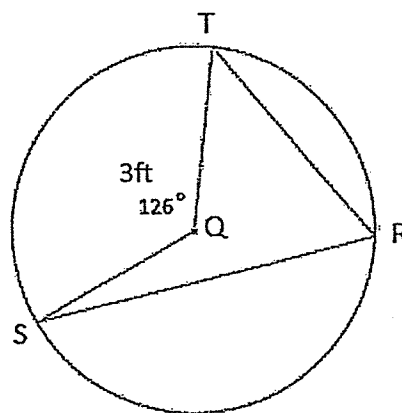


7) Use the given circle to find each measure.

a) measure of arc TQS

b) m arc TS.

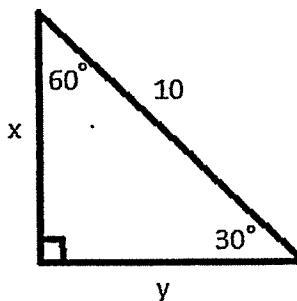
c) $m \angle TRS$



d) length of arc TS

8) A Sphere has a volume of 300cm^3 . Find its diameter.

9) Solve for x and y in the given triangle. Leave your answer in simplest radical form



10) Find the geometric mean of 5 and 15. Leave your answer in simplest radical form