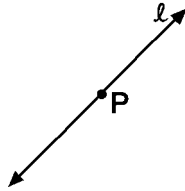


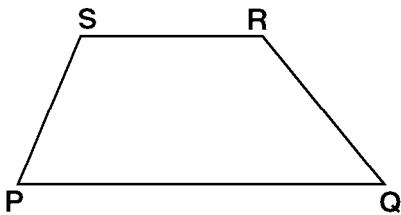
Name: _____
 CC Geometry

Constructions Mixed Practice HW

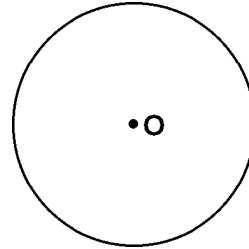
- 1) Construct a line through P perpendicular to line ℓ below.



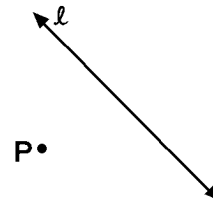
- 2) In trapezoid PQRS below, locate by construction the point on \overline{SR} that is equidistant from points P and Q.



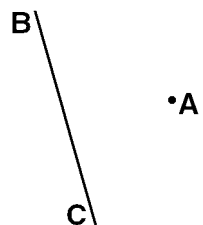
- 3) Inscribe a regular hexagon in circle O.



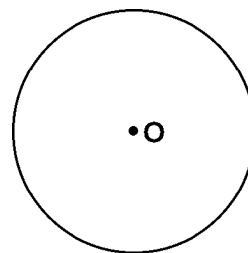
- 4) Construct a line through P perpendicular to line ℓ below.



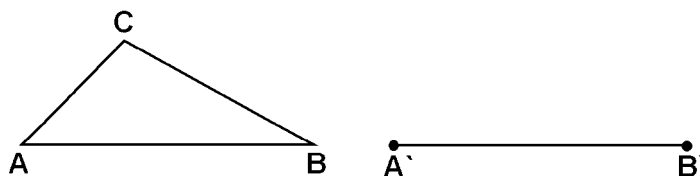
5) Construct a line through A that is parallel to \overline{BC} .



6) Inscribe an equilateral triangle in circle O .



7) Using compass and straightedge, construct a triangle congruent to triangle ABC . Use $\overline{A'B'}$ as one side of the congruent triangle.



- 1) Answer is a construction.
- 2) Answer is a construction.
- 3) Answer is a construction.
- 4) Answer is a construction.
- 5) Answer is a construction.
- 6) Answer is a construction.
- 7) Answer is a construction.