Name : _____

Two-Step Equations: Shapes

Solve each problem.

1) In the trapezoid KLMN, R and S are the midpoints of $\overline{KL}$ and $\overline{NM}$ respectively. If $\overline{NS}$ measures 8 m, find the value of d.

d = _____

2) $\overline{PQ}$ is the diameter of a semi-circle with O as its center. If the radius is 12 cm, find the value of x.

x = _____

3) A triangle EAB is inscribed in the rectangle ABCD. Find the height of the triangle.

p = _____

4) XYZ is a triangle ... meas ... of u

u = _____

5) TUVW is a kite. OV measures 10 m. If VO = OT, find the value of n.

n = _____