Name : _____

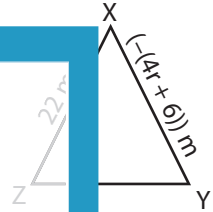## Two-Step Equations: Shapes
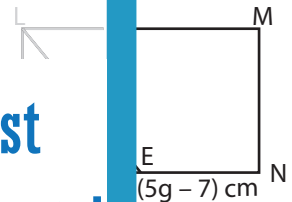
Solve each problem.

1) XYZ is an isosceles triangle with equal sides $\overline{XZ}$ and $\overline{XY}$. If $\overline{XZ}$ measures 22 m, find the value of r.
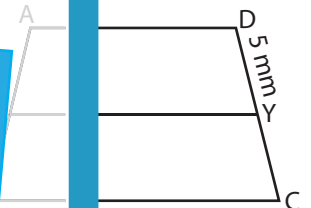
r = _____

2) KLMN is a rectangle. A line drawn from the vertex bisects the side $\overline{KN}$ at If KE = 18 cm, find the value of g.

g = _____

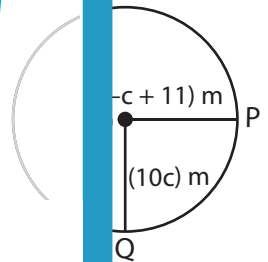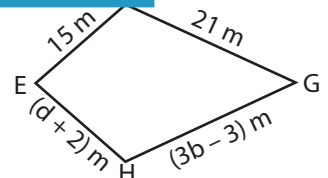3) In the trapezoid ABCD, X and Y are the midpoints of AB and CD respectively. If $\overline{DY}$ measures 5 mm, find the value of h.

h = _____

4) O is the center of the figure radii of the circle. Find the value of c.

c = _____

5) EFGH is a kite. Two pairs of sides have equal lengths. Find the values of b and d.

d = _____ ; b = _____