

Name : _____

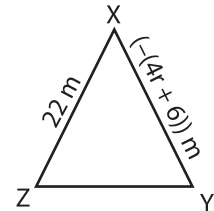
Two-Step Equations: Shapes

Type 2: S5

Solve each problem.

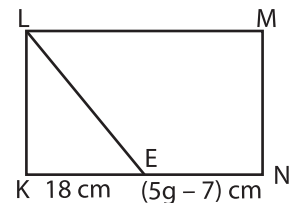
- 1) XYZ is an isosceles triangle with sides XZ and XY equal. If XZ measures 22 m, find the value of r.

$r =$ _____



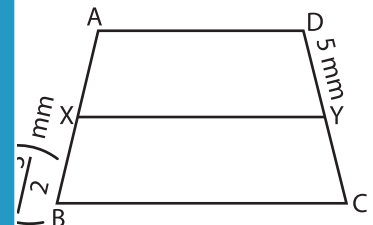
- 2) KLMN is a rectangle. Side KN is divided into two parts by point E. If KE = 18 cm, find the value of g.

$g =$ _____



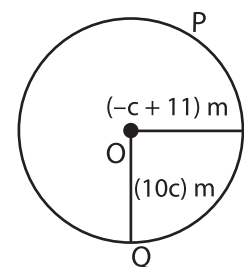
- 3) In the trapezoid ABCD, the height is h mm. The top base AD is 5 mm. The bottom base BC is divided into two parts by point X. The left part BX is 2 mm. Find the value of h.

$h =$ _____



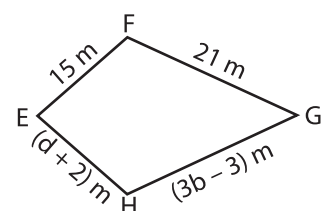
- 4) O is the centre of the circle. The radius OQ is (10c) m. The radius OP is (-c + 11) m. Find the value of c.

$c =$ _____



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

$d =$ _____ ; $b =$ _____



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