

Name : _____

One-Step Equations: Shapes

Type 2: S1

Solve each problem.

- 1) ABCD is a kite with $AB = AD = 3$ m and $CD = CB = 8$ m. Find the values of p and q .

$p =$ _____

- 2) In the given circle, O is the centre and OC is the radius, which measures _____ cm. Find the value of n .

$n =$ _____

- 3) PQRS is a parallelogram. A line segment \overline{ST} is drawn from the vertex S to the base \overline{QR} , find the value of b and determine the length of \overline{QR} .

$b =$ _____

- 4) EFGH is an isosceles trapezoid with $EF = 35$ m. Find the value of x .

$x =$ _____

- 5) XYZ is an equilateral triangle, where each side measures 22 mm. Find the value of u .

$u =$ _____

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