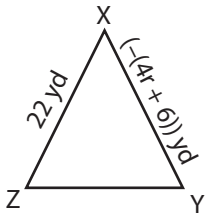
Name : _____

Two-Step Equations: Shapes

Type 2: S5

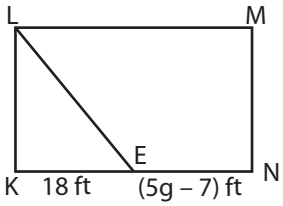
Solve each problem.

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



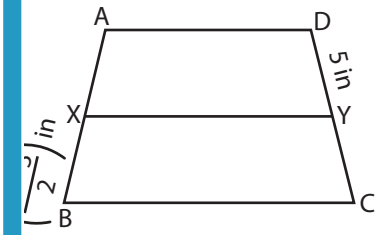
r = _____

2) KLMN is a rectangl... ide KN at E.
If KE = 18 ft, find th...



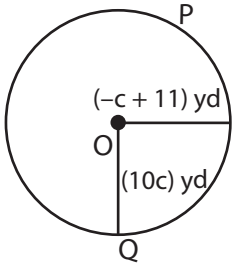
g = _____

3) In the trapezoid AB... respectively. If DY measures 5 in, find...



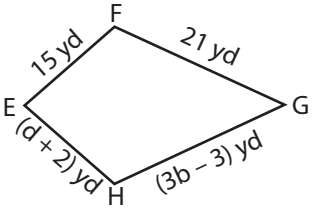
h = _____

4) O is the centre of th... he radii of the circle. 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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Name : _____

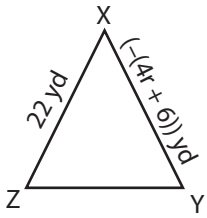
Answer Key

Two-Step Equations: Shapes

Type 2: S5

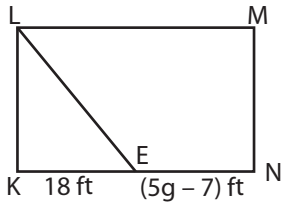
Solve each problem.

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



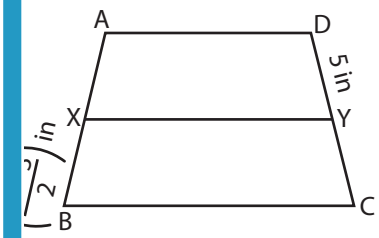
r = **–7**

2) KLMN is a rectangl… ide KN at E.
If KE = 18 ft, find th…



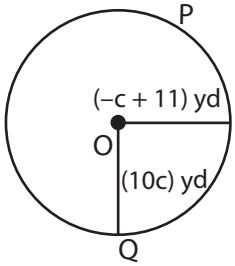
g = **5**

3) In the trapezoid AB… respectively. If DY measures 5 in, find…



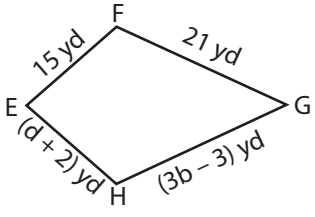
h = **13**

4) O is the centre of th… he radii of the circle. Find the value of c…



c = **1**

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



d = **13** ; b = **8**

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