

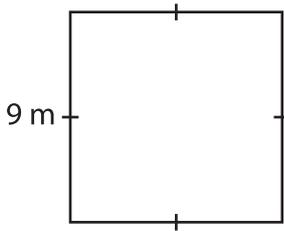
Name : \_\_\_\_\_

## Multi-Step Equations: Shapes

Type 2: S3

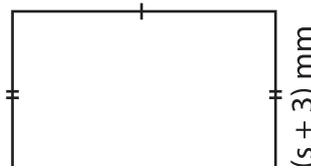
Find the unknown value given in each shape.

1) Area =  $\left(\frac{1}{2}(29k - 12)\right) \text{ m}^2$

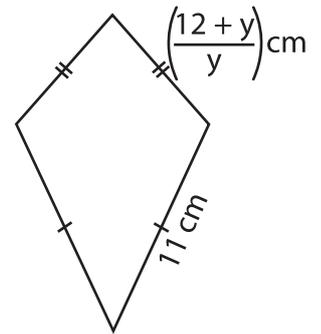


$k =$  \_\_\_\_\_

2) Area =  $\left(\frac{1}{2}(47s + 15)\right) \text{ mm}^2$

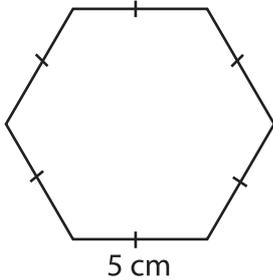


3) Perimeter = 36 cm



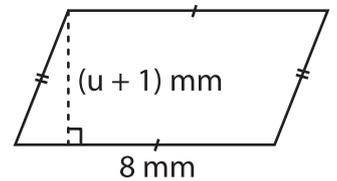
$y =$  \_\_\_\_\_

4) Perimeter =  $3(2v -$



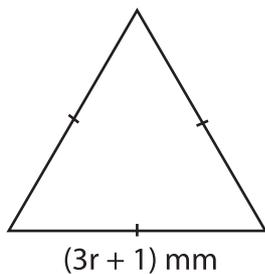
$v =$  \_\_\_\_\_

Area =  $(2(5u - 1)) \text{ mm}^2$

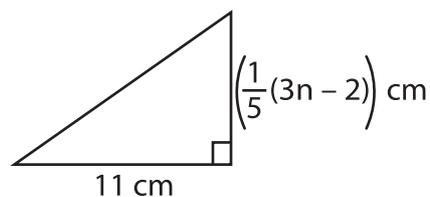


$u =$  \_\_\_\_\_

7) Perimeter = 30 mm

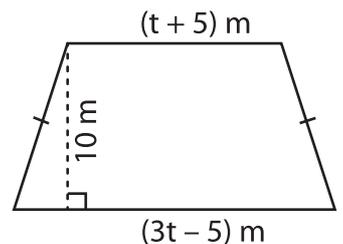


$r =$  \_\_\_\_\_



$n =$  \_\_\_\_\_

Area =  $(2(9t + 7)) \text{ m}^2$



$t =$  \_\_\_\_\_

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