

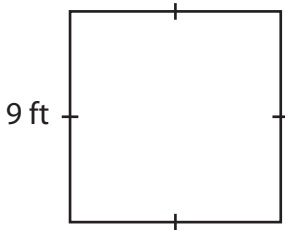
Name : _____

Multi-Step Equations: Shapes

Type 2: S3

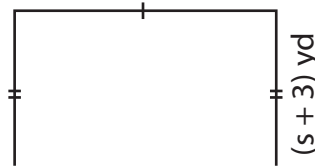
Find the unknown value given in each shape.

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

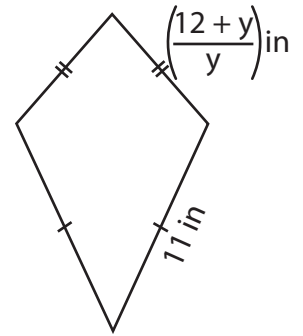


k = _____

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

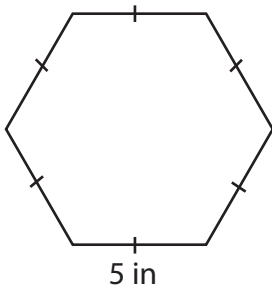


3) Perimeter = 36 in



y = _____

4) Perimeter = $3(2v - 1)$



v = _____

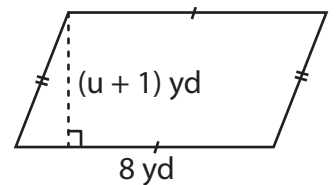
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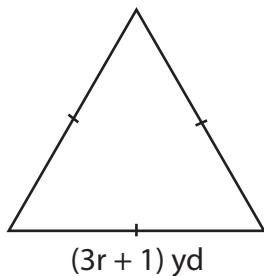
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Area = $(2(5u - 1)) \text{yd}^2$

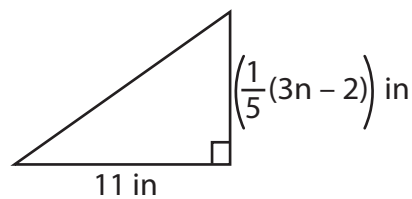


u = _____

7) Perimeter = 30 yd

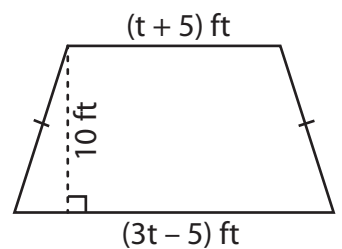


r = _____



n = _____

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



t = _____

Name : _____

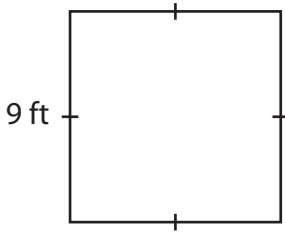
Answer Key

Multi-Step Equations: Shapes

Type 2: S3

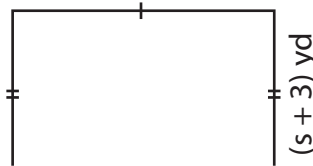
Find the unknown value given in each shape.

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

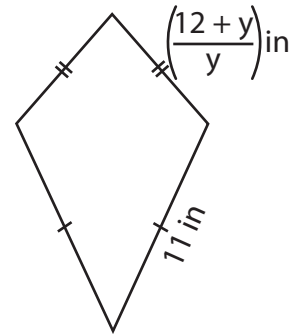


k = 6

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

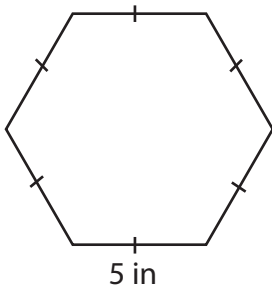


3) Perimeter = 36 in



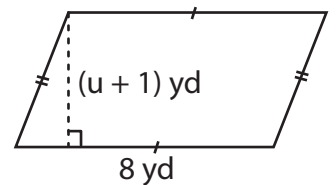
y = 2

4) Perimeter = $3(2v - 1)$



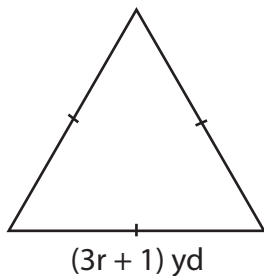
v = 8

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

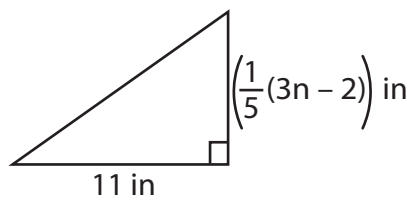


u = 5

7) Perimeter = 30 yd

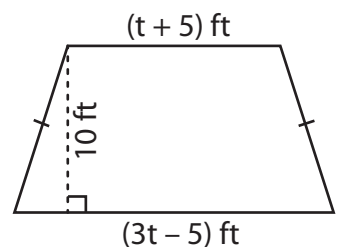


r = 3



n = 14

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



t = 7

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