

PRACTICE

Find the area of each right triangle below.







51. Two right triangles overlap to make the shape below. The area
★ where the triangles overlap is a 4 inch by 4 inch square. What is the area of the whole shape?



51._____

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In each dot grid below, each dot is 1 unit from its nearest horizontal and vertical neighbor.

Dot Grid Shapes Find the area of the quadrilateral We can use **EXAMPLE** traced on the dot grid below. right triangles to find the area of a shape drawn on a dot grid. We can split the shape into three parts: two triangles and one square. Each dot is one unit from its nearest horizontal and vertical neighbor. The square has an area of $3 \times 3 = 9$ square units. Each triangle is half of a 2 by 3 rectangle. So, the combined area of the triangles is $2 \times 3 = 6$ square units. All together, the shape has an area of 9+6=15 square units. PRACTICE Find the area of the shaded region on each dot grid below. 52. 52. 53. 53.____ 54. _____ 54. 55. 55.

Dot Grid Shapes

