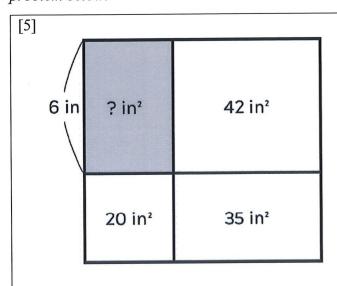
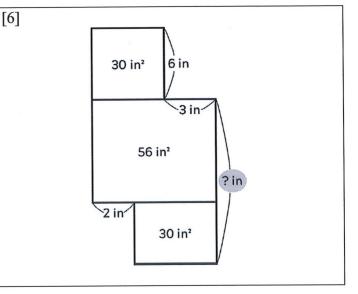
Use your understanding of area and logic to help you give the missing dimensions and areas for each problem below.





Triangle Hunt 7, 8, 9

Instructions:

Join any three of the given dots with straight lines (use a ruler) to make a triangle with an area of 3 units?

Here is the solution:

Working for the solution:

base = 2 units height = 3 units

formula for area of triangle is (bh)/2

= (2 x 3) divided by 2

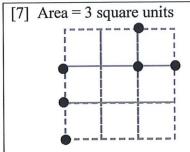
= (6) divided by 2

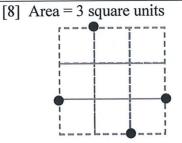
= 3 units²

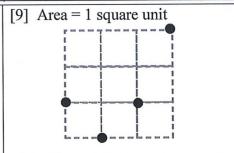
[7] Area = 3 square units

[8] Area = 3 square units

[9] Area = 1 square unit





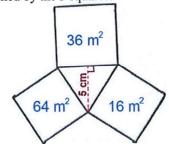


Extra Challenges 7, 8, 9

[9] Find the area of the blue square below. The radius of the circle is 3 cm. The square is exactly one third the length of the diameter of the circle.



[10] Find the area of the triangle formed by the 3 squares.

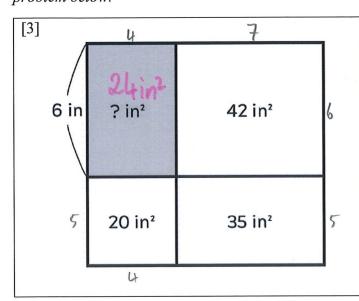


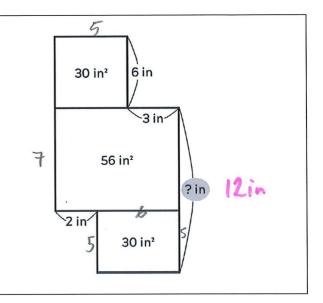
[11] Give the dimensions of the rectangle below. The area is 17.6 cm² and the perimeter is 17.4 cm.



[4]

Area Maze 3, 4 Date: Name: SOLUTIONS
Use your understanding of area and logic to help you give the missing dimensions and areas for each problem below.

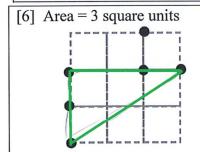


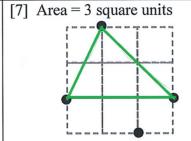


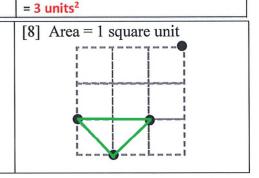
Triangle Hunt 7, 8, 9

Instructions:

Working for the solution: Join any three of the given dots with Here is the solution: straight lines (use a ruler) to make a triangle with an area of 3 units2 base = 2 units height = 3 units formula for area of triangle is (bh)/2 $= (2 \times 3)$ divided by 2 = (6) divided by 2





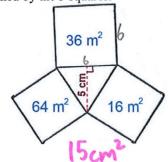


Extra Challenges 7, 8, 9

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