



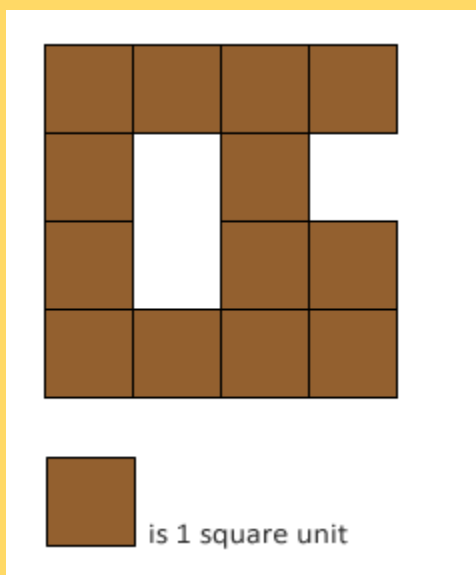
Area in Square Units

FREE Worksheet - 2

Time: 20 minutes

(Detailed solutions at the end)

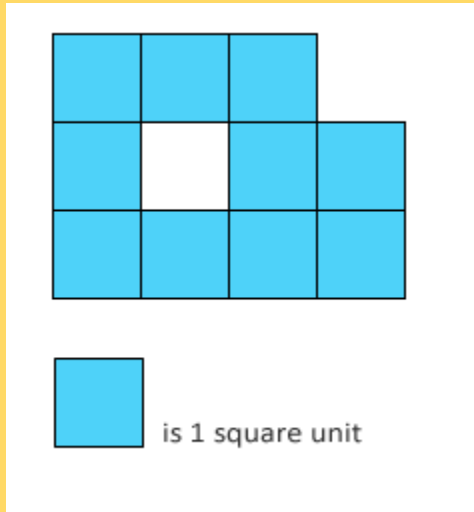
1. What is the area of the shaded figure below?



Answer: _____ square units



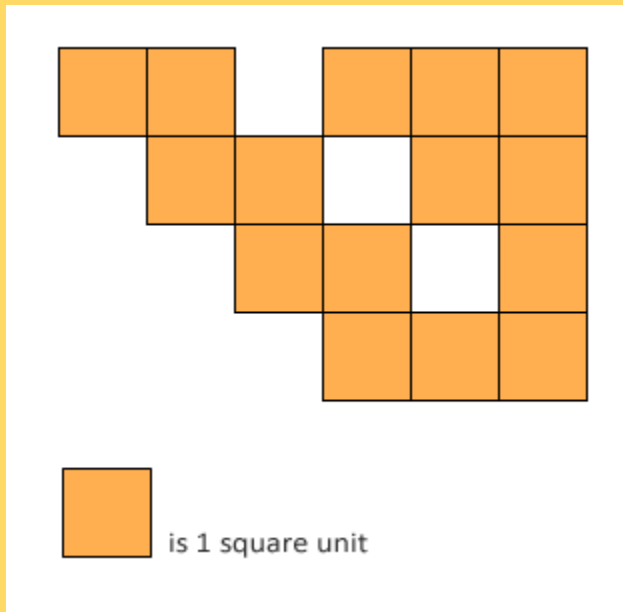
2. What is the area of the shaded figure below?



Answer: _____ square units



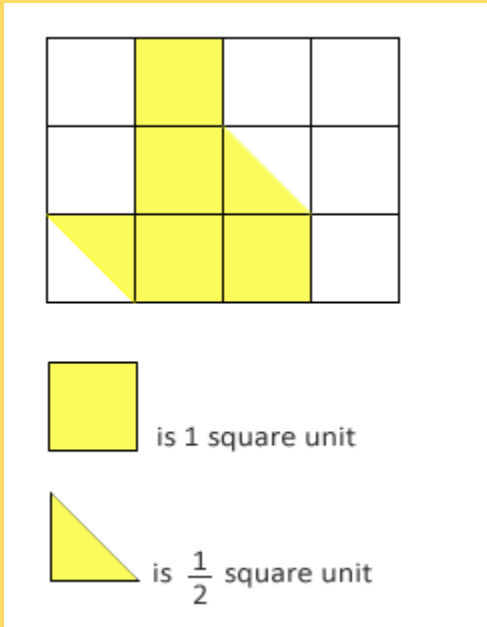
3. How many square units should be added to the shaded figure below to change its area to 17 square units?



Answer: _____ square units



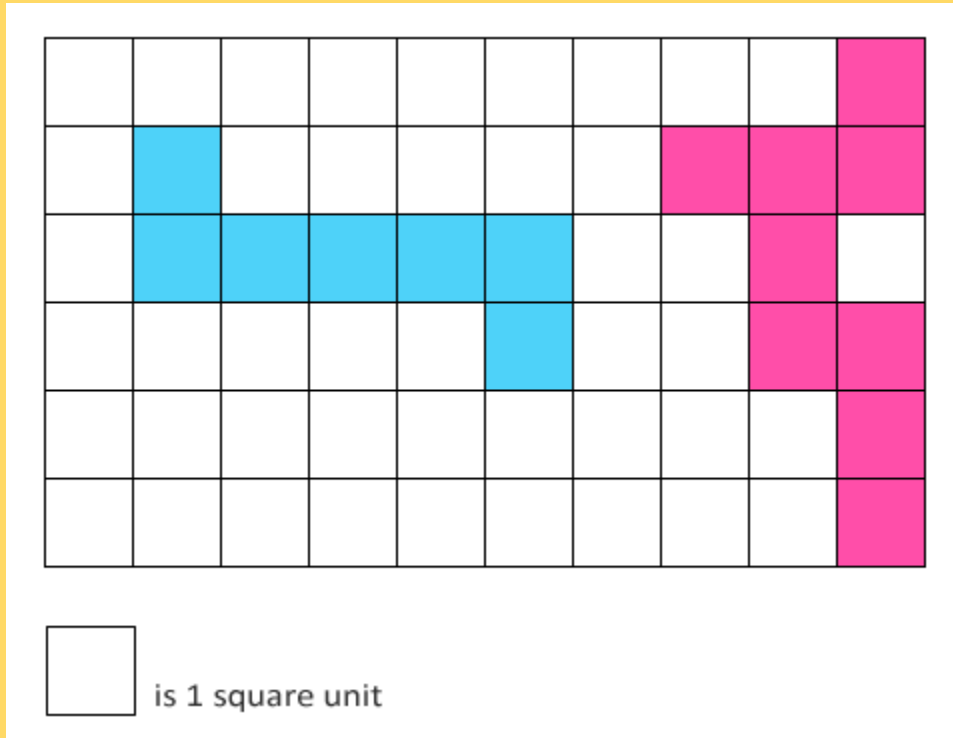
4. What is the area of the shaded figure given below?



Answer: _____ square units



5. What is the total area of the two shaded figures given below?



Answer: _____ square units



SOLUTIONS

Problem 1

Number of shaded squares in the figure = 13

Area of the shaded figure = 13 square units

Problem 2

Number of shaded squares in the figure = 10

Area of the shaded figure = 10 square units

Problem 3

Area of the shaded figure = 15 square units

$$17 - 15 = 2$$

2 square units should be added to the shaded figure to change its area to 17 square units.



Problem 4

_____ Number of full shaded squares in the figure = 4

Number of half shaded squares in the figure = 2 = 1 full square

Total number of shaded squares in the figure = 5

Area of the shaded figure = 5 square units

Problem 5

_____ Area of the blue figure = 7

Area of the pink figure = 9

Total area of the 2 shaded figures = 7 + 9 = 16 square units