



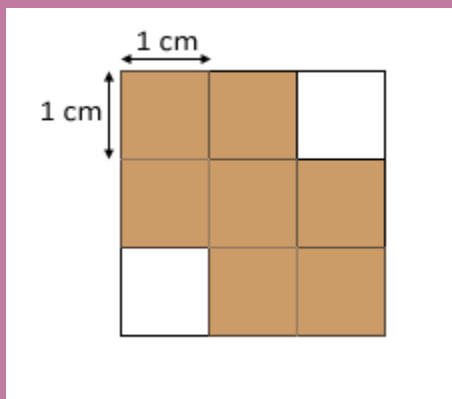
Area in Square Meters/Centimeters

FREE Worksheet - 1

Time: 20 minutes

(Detailed solutions at the end)

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



Answer: _____ cm^2

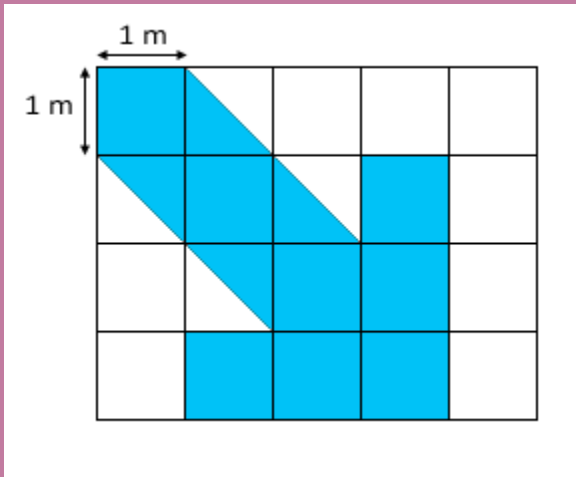
2. The area of a home TV screen is 4500 _____. Choose the correct unit.

a. cm^2

b. m^2

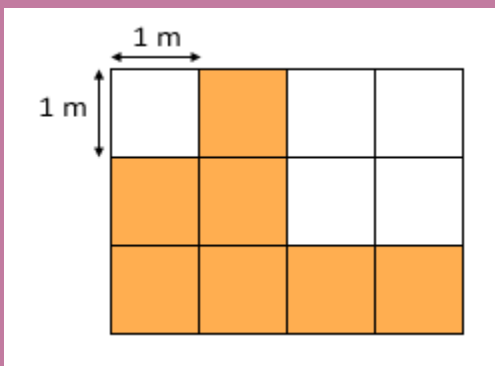


3. What is the area of the shaded figure below?



Answer: _____ m²

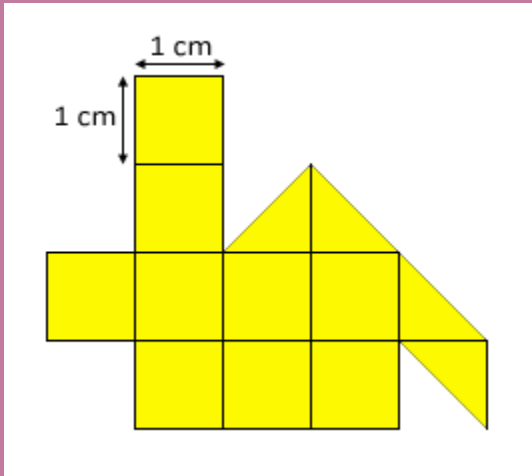
4. What is the area of the shaded figure below?



Answer: _____ m²



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



Answer: _____ cm²



SOLUTIONS

Problem 1

Number of shaded squares in the figure = 7

The figure is made up of 7 1-cm squares.

The area of each 1-cm square is 1 cm^2 .

So, the area of the shaded figure is 7 cm^2 .

Problem 2

A TV screen that has an area of 4500 m^2 would be too big to fit inside a house! Go ahead and measure the length and width of the TV screen in your home.



Problem 3

Number of full shaded squares in the figure = 8

Number of half shaded squares in the figure = 4 = 2 full shaded squares

Total number of shaded squares in the figure = 8 + 2 = 10

The figure is made up of 10 1-m squares.

So, the area of the shaded figure is 10 m².

Problem 4

Number of shaded squares in the figure = 7

The figure is made up of 7 1-m squares.

The area of each 1-m square is 1 m².

So, the area of the shaded figure is 7 m².



Problem 5

Number of full shaded squares in the figure = 9

Number of half shaded squares in the figure = 4 = 2 full shaded squares

Total number of shaded squares in the figure = 9 + 2 = 11

The figure is made up of 11 1-cm squares.

So, the area of the shaded figure is 11 cm².