

ANSWERS

AREA OF SQUARES

Instructions: Calculate the area of the square in different everyday situations.

Exercise 1: The Padlock

Jorge's father usually leaves his tools locked up and to do so he uses a square-shaped padlock, each side measuring 5.5cm.

Question: What is the surface area of the lock?

Solution:

$$\text{Area} = 5,5 \text{ cm} * 5,5 \text{ cm} = 30,25\text{cm}^2$$



Exercise 2: The Window

Through the square window that is located in the living room of the house you can see a large part of the city, each side of the window is 1.75 meters.

Question: What is the area of the living room window?

Solution:

$$\text{Area} = 1,75 \text{ m} * 1,75 \text{ m} = 3,01\text{m}^2$$



Exercise 3: The Book

The writer finished his book of a thousand pages, the shape of the cover is square and yellow, each side measures 75cm.

Question: What is the surface area of the book?

Solution:

$$\text{Area} = 75 \text{ cm} * 75 \text{ cm} = 5625\text{cm}^2$$



How Did You Do?

