

ANSWERS

AREA OF SQUARES

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

Exercise 1: The Landscape Painting

Juan is in painting classes and wants to paint a landscape painting, its sides measure 55cm.

Question: What is the area of the painting that Juan paints?

Solution:

$$\text{Area} = 55 \text{ cm} * 55 \text{ cm} = 3025\text{cm}^2$$



Exercise 2: The Television

In the city museum in the antiques section there is a television from the time in the shape of a square and each side measures 45cm.

Question: What is the surface area of the television?

Solution:

$$\text{Area} = 45 \text{ cm} * 45 \text{ cm} = 2025\text{cm}^2$$



Exercise 3: Wall Clock

In the classroom there is a square clock hanging on the wall that tells us the time the class starts and ends, each side measuring 72cm.

Question: What is the clock area?

Solution:

$$\text{Area} = 72 \text{ cm} * 72 \text{ cm} = 5184\text{cm}^2$$



How Did You Do? 😊 😐 😞