Student Worksheets

Topic: Square and Rectangles

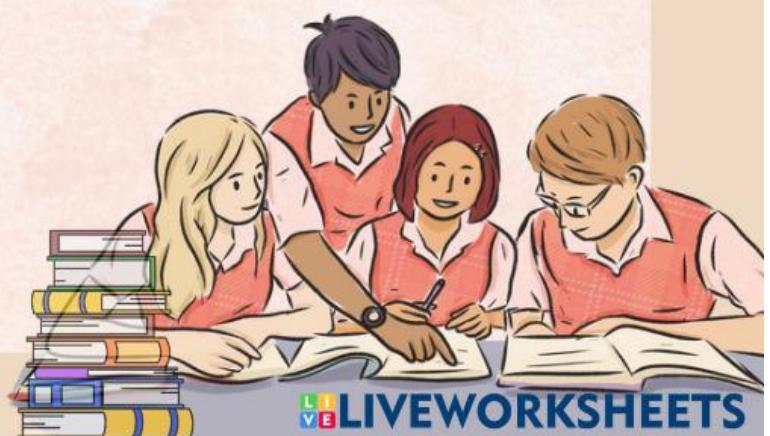Class **VII**

Arranged by: Group 4

BASIC COMPETENCIES AND LEARNING OBJECTIVES

💡 LEARNING OBJECTIVES

After following a series of learning activities:

1. Through Discovery Learning, students can identify the elements contained in squares and rectangles.

2. Through Discovery Learning, students can solve problems related to formulas for the area and perimeter of squares and rectangles.
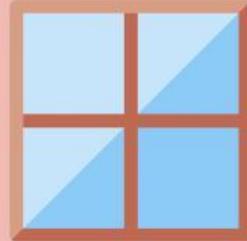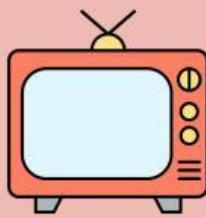
SQUARE AND RECTANGLE

Look at the picture below! What shape do the objects below have?

The surfaces below are square and rectangular shapes, can you write down some of the objects in the picture below?

25

Example of a square object:

Example of a rectangle object:

SQUARE

💡 **Meaning of Square**

Explain what is meant by a square!

After grouping the objects above and defining a square, let's write down the elements of a square!

1.

2.

3.

4.

5.

RECTANGLE

Meaning of Rectangle

Explain what is meant by a rectangle!

After grouping the objects above and defining a rectangle, let's write down the elements of a rectangle!

1.

2.

3.

4.

5.

After you write the elements of a square, what is the formula for a square?

Area:

Perimeter:

EXERCISE

To better understand this material, please do the following exercise properly and correctly!

1 Mr. Anton will build a fence in a rectangular garden 25 meters long and 18 meters wide. If a fence is to be installed around the garden, calculate the length of fence needed to build the fence?

2 If the area of a square is 225cm², then what is the length and perimeter of the square?

- a. 25 cm
- c. 35 cm
- b. 15 cm
- d. 10 cm

3 Pak Dedi has a rectangular swimming pool with dimensions of 50cm long and 20cm wide. Mr. Dedi will limit the swimming pool using bricks. what is the circumference of the swimming pool?