

NAME: \_\_\_\_\_

# AREA OF RHOMBUS

*Instructions:* Calculate the area of the Rhombus in different everyday situations.

## Exercise 1: The Kite



The teacher asks her students to make a kite as a craft using lightweight wooden sticks. The stick that goes across measures 30 cm, and the stick that goes lengthwise measures 40 cm, forming a rhombus. They must use colored paper and glue.

**Question:** What is the area of the rhombus to know how much paper a child will need to make the kite?

**Solution:**

## Exercise 2: The Diamond Ring

Carlos surprised Maria with a marriage proposal and gifted her a ring with a diamond in the shape of a rhombus, which has one diagonal measuring 3 mm and the other 5 mm.

**Question:** What is the area of the rhombus-shaped diamond?

**Solution:**



DIAMOND

## Exercise 3: The Lost Earring

Martha has lost one of the rhombus-shaped earrings her mother gave her for her birthday. She wants to buy the missing earring, which had one diagonal measuring 3 cm and the other 1 cm.

**Question:** What is the area of the rhombus-shaped earring?

**Solution:**



How Did You Do?

