# ANSWERS
# AREA OF MIXED SHAPES

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

## Exercise 1: The Cake

Carlos' birthday cake was served in triangular pieces to each of the guests. Carlos' piece had a base of 5 cm and a height of 9 cm.

**Question:** What is the area of the piece that was given to Carlos?

**Solution:**

**Area = 5 cm * 9 cm = 45 cm2 / 2 = 22,5 cm2**

## Exercise 2: Rubik

Marcos is an expert in putting together the 6 faces of the Rubik's cube, the first face he put together was the yellow one that is square in shape and its sides are 9cm.

**Question:** What is the area of the Rubik's square you created first?

**Solution:**

**Area = 9 cm * 9 cm = 81 cm2**

## Exercise 3: The Float

Maria bought Pedro a circular float so he can enjoy the pool while he learns to swim. The float has a radius of 21cm.

**Question:** What is the area of the float?

**Solution:**
**3,14 * (21) cm * (21) cm**
**3,14 * 441 cm2**
**Area = 1,384,74 cm2**

**How Did You Do?**