ANSWERS
AREA OF MIXED SHAPES

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

Exercise 1: : The Spinning Top

The grandfather taught his grandchildren how to play with the spinning top in the shape of a rhombus, which he used to play with when he was a child. The spinning top has one diagonal of 10 cm and another of 6 cm

Question: What is the area of the spinning top?

Solution:

Area = 10 cm * 6 cm = 60cm2/2=30cm2

Exercise 2: The Orange

Paulo wants to share his orange with Maria and cuts it into two slices. The slice that belongs to Maria has a radius of 4 cm.

Question: What is the area of Maria's orange slice?

Solution:
3,14 * (4) cm * (4) cm
3,14 * 16 cm2
Area = 50,24 cm2

Exercise 3: The Cheese Nacho

In the afternoons, my sister and I love eating cheese nachos. I ate one in the shape of a triangle with a base of 2 cm and a height of 3.5 cm.

Question: What is the area of the triangular nacho?

Solution:

Area= 2 cm * 3,5 cm = 7 cm2 / 2 = 3.5cm2

How Did You Do?