

NAME: _____

AREA OF QUADRILATERALS

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

Exercise 1: The Wheelbarrow

The construction worker carries material in a wheelbarrow shaped like a trapezoid with a major base of 100 cm, a minor base of 75 cm, and a height of 70 cm.

Question: What is the area of the wheelbarrow?

Solution:



Exercise 2: The Rug

In the living room, there is a velvet rug in the shape of a rhomboid with a base of 150 cm and a height of 130 cm.

Question: What is the area of the rug?

Solution:



Exercise 3: The Envelope

Due to not paying attention in class, Sarita made her craft envelope with incorrect measurements, resulting in an asymmetric trapezoid with two angles, one with a base of 10 cm and a height of 9 cm, and the other angle with a base of 10 cm and a height of 8 cm.

Question: What is the area of the envelope?

Solution:



How Did You Do? 😊 😐 😞