

Name _____

NAME: _____

PERIMETER OF TRAPEZOIDS

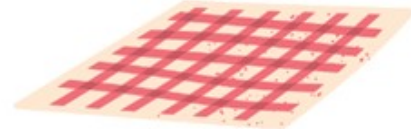
Instructions: Calculate the perimeter of trapezoids in different everyday situations.

Exercise 1: Picnic Area

A picnic area is designed in the shape of a trapezoid. The shorter side is 14 feet, the longer side is 26 feet, and the left and right sides are 12 feet each.

Question: Calculate the total length of a fence required to surround the picnic area.

Solution:



Exercise 2: Billboard Sign

A trapezoid-shaped billboard has a top edge of 5 meters, a bottom edge of 12 meters, and both sides measuring 4 meters each.

Question: How many meters of border material are needed to go around the billboard?

Solution:



Exercise 3: Playground Sandbox

A sandbox at a playground is in the shape of a trapezoid with a top edge of 7 feet, a bottom edge of 13 feet, and two sides measuring 6 feet each.

Question: Find the perimeter of the sandbox to determine how much wood is needed for its border.

Solution:



How Did You Do?

