



Area and Perimeter of Rectangles

Today's Standard

4.MD.A3 - Apply the area and perimeter formulas for rectangles in real world and mathematical problems. For example, find the width of a rectangular room given the area of the flooring and the length, by viewing the area formula as a multiplication equation with an unknown factor.

Real-World Applications for this Standard

Calculating the amount of paint needed for a wall; Determining the length of fencing required for a garden; Finding the size of a carpet needed for a room; Estimating the number of tiles required to cover a floor; Planning the layout of furniture in a rectangular room

Today I Learned

Today, we learned how to find the area and perimeter of rectangles. Area is the space inside, and perimeter is the distance around the outside.

Common Stumbling Blocks

Sometimes, kids might mix up the formulas for area and perimeter. They might also think that area and perimeter are always the same. We can help them by showing examples and using drawings.

Quiz Me

- What is area?
- What is perimeter?
- How do you find the area of a rectangle?
- How do you find the perimeter of a rectangle?
- Can two rectangles have the same perimeter but different areas?

Help Me

To find the area of a rectangle, multiply the length by the width. To find the perimeter, add up all the sides. For example, if you want to know how much carpet to buy for a room, you use the area formula. If you need to know how much fence to put around a garden, you use the perimeter formula.

