

Parent Guide to the

Area and Distributive Property

Today's Standard

3.MD.C7c - Use tiling to show in a concrete case that the area of a rectangle with whole-number side lengths a and b + c is the sum of a $\times b$ and a $\times c$. Use area models to represent the distributive property in mathematical reasoning.

Real-World Applications for this Standard

Designing a garden layout with different rectangular sections; Calculating the area of rooms in a house; Planning a rectangular playground with different sections

Today I Learned

Today we learned how to use tiles to find the area of rectangles and how the distributive property helps us understand it.

Common Stumbling Blocks

Some kids think you just add the sides to find the area, but you need to multiply. Also, some mix up adding areas with using the distributive property.

Quiz Me

- What is area?
- How do you find the area of a rectangle?
- What is tiling?
- Can you add side lengths to find area?
- What is the distributive property?

Help Me

Finding the area of rectangles helps us understand spaces like rooms or gardens. We use multiplication and tiling to see how much space they take up.