Understanding Equal Shares

Today's Standard

1.G.A3 - Partition circles and rectangles into two and four equal shares, describe the shares using the words halves, fourths, and quarters, and use the phrases half of, fourth of, and quarter of. Describe the whole as two of, or four of the shares. Understand for these examples that decomposing into more equal shares creates smaller shares.

Real-World Applications for this Standard

Cutting a pizza into slices; Dividing a chocolate bar into pieces; Sharing a sandwich equally; Splitting a pie into portions

Today I Learned

Today, we learned about dividing shapes into equal parts. We can cut circles and rectangles into halves and quarters and describe these parts using special words.

Common Stumbling Blocks

Some kids think that bigger shapes always mean bigger pieces, but that's not true. Others think that the number of pieces doesn't change their size, but more pieces mean smaller parts.

Quiz Me

- What does it mean to partition a shape?

- How do you describe two equal parts of a shape?

- What word do you use for four equal parts?

- What happens to the size of each part when you make more parts?

- Can a big shape and a small shape have the same size parts?

Help Me

When we divide a pizza or a chocolate bar into equal parts, we're partitioning it. If we cut it into two equal parts, each part is called a half. If we cut it into four equal parts, each part is a quarter. More parts mean smaller pieces. This helps us share things equally.