

# Learning Fractions With Blocks: A Hands-On Approach to Math for Kids

Fractions are a fundamental concept in mathematics, but they can be challenging for students to understand. Using blocks is a hands-on and engaging way to introduce fractions and help kids develop a strong foundation in this important math skill.

## What are Blocks?

Blocks are solid objects that can be manipulated and used for building and construction. They come in various shapes and sizes, and they can be made from different materials, such as wood, plastic, or foam.



## Fractions for kids : Learning fractions with blocks

(Math for kids Book 4) by Zach Abraham

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For teaching fractions, it is recommended to use blocks that are uniform in size and shape. This will make it easier for students to compare and contrast different fractions.

## How to Teach Fractions with Blocks

There are many different ways to teach fractions with blocks. Here are a few ideas:

- **Compare and contrast fractions:** Give students two sets of blocks of different sizes. Have them compare the blocks and determine which fraction is larger or smaller.
- **Build fraction models:** Have students use blocks to build models of different fractions. For example, they could build a model of  $\frac{1}{2}$  by dividing a block in half.
- **Solve fraction problems:** Use blocks to solve fraction problems. For example, you could ask students to find  $\frac{1}{2}$  of a set of blocks or to divide a set of blocks into equal parts.

## Benefits of Using Blocks to Teach Fractions

There are many benefits to using blocks to teach fractions. Here are a few:

- **Hands-on learning:** Blocks provide a hands-on way for students to learn about fractions. This can help them to develop a deeper understanding of this concept.
- **Visual representation:** Blocks provide a visual representation of fractions. This can help students to see how fractions relate to each other and to the whole.
- **Engaging and fun:** Blocks are a fun and engaging way to learn about fractions. This can help to keep students motivated and interested in learning.

Blocks are a valuable tool for teaching fractions. They can help students to develop a strong foundation in this important math skill. By using blocks, students can compare and contrast fractions, build fraction models, and solve fraction problems. Blocks can also make learning fractions more engaging and fun.

## Additional Resources

- Khan Academy: to Fractions
- Education.com: What is a Fraction?
- Math is Fun: Fractions



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