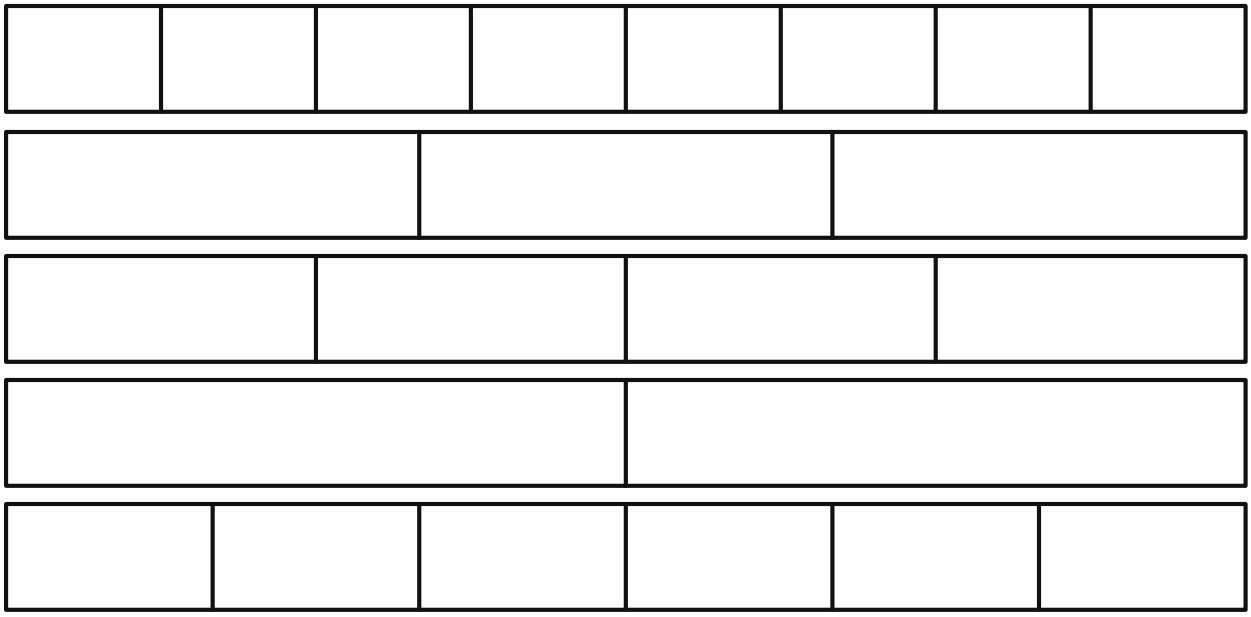
# Roll and Shade: Unit Fractions

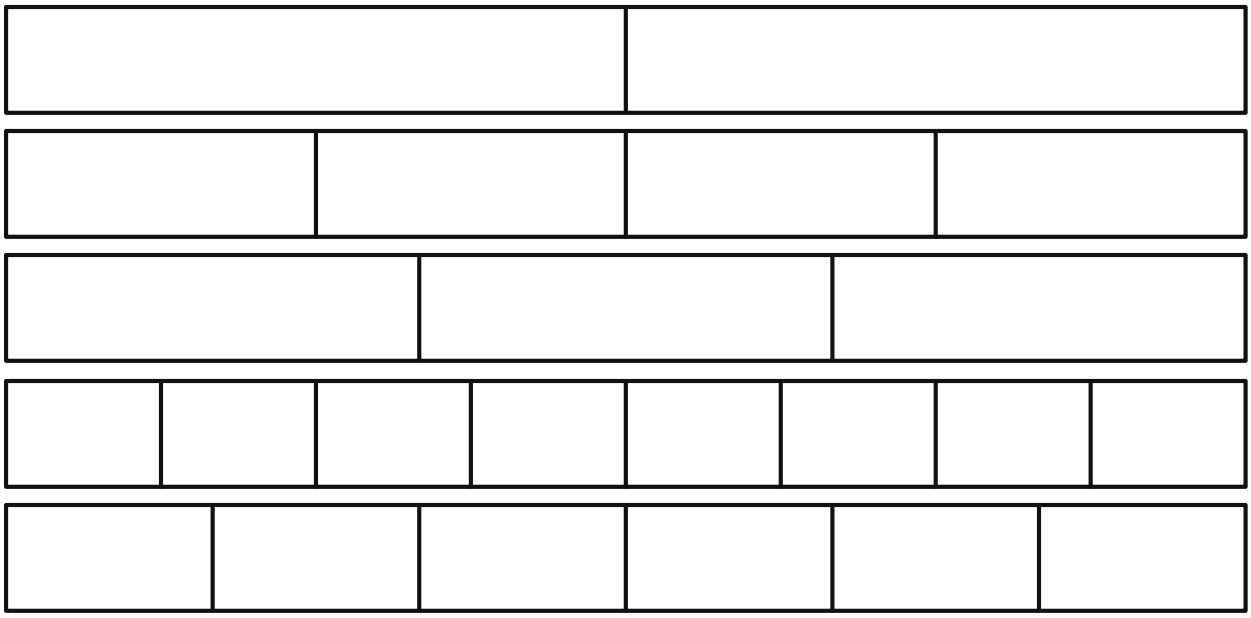


Spin. Shade the next empty part of the one bar cut into those parts, left to right.
Say the whole bar's total. First to fill two bars wins.

## Player One



## Player Two

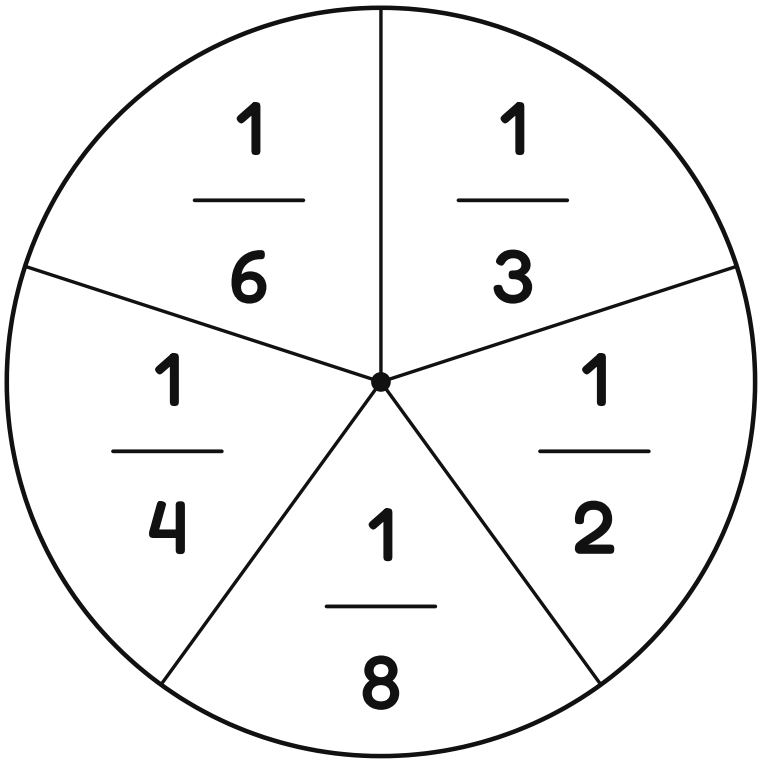


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# Roll and Shade: Unit Fractions: Spinner



Hold a paper clip on the middle with a pencil point, and flick the clip.




## How to play

1. **You need** the board, a pencil, and a paper clip. Each player has one half of the board.
2. **Spin a unit fraction.** Each bar is cut into different parts, so only one bar matches the spin. Shade the next empty part, left to right.
3. **Say the whole bar's total**, such as "three eighths". If that bar is already full, you lose the spin.
4. **The first player to fill two bars wins.**
5. **A child who shades 4 of 8 parts and says "one half" is right about the amount.** Say: "That is the same amount. Now say it in this bar's parts: four eighths."

# For Grown-Ups: How to Use These Game Boards



One game at a sitting. For third grade.

## Why use it

A fraction such as 3/8 is three parts of size 1/8. That is how Common Core defines a fraction in third grade (3.NF.A.1), and Texas builds fractions from unit fractions too (TEKS 3.3(C), (D)). Each spin adds one part, and your child says the new total in the bar's own parts. If you learned a fraction as a top number and a bottom number, this way will look different.

## What it is good for

- Knowing a unit fraction as one part of its bar.
- Building a fraction one part at a time.
- Naming a total in the parts of the bar in front of you.

## How to use it

1. Spin a unit fraction and find the one bar cut into those parts.
2. Shade the next empty part, working left to right.
3. Your child says the whole bar's total, such as three eighths.
4. A spin for a full bar is lost. The first player to fill two bars wins.

> **Try saying:** “How many parts are shaded now, and what is each part called?”

**Tip:** A child who shades 4 of 8 parts and says one half is right about the amount, because 1/2 and 4/8 are the same amount. Say so, then ask for it in this bar's parts: four eighths.