

## Fraction Kit Games: Add Up and Take Down

### Add Up

#### Object

To be the first person to cover up the whole piece from a fraction kit.

#### Materials

1 Fraction Kit per person

1 Fraction cube labeled  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$



#### How to play

Each player starts with a whole strip. The goal is to be the first to cover the whole strip completely with other pieces of the fraction kit. No overlapping pieces are allowed.

1. Players take turns rolling the fraction cube.
2. The fraction on the cube tells what size fraction piece to place on the whole strip.
3. The game ends when a player has covered up the whole piece exactly. A player must roll exactly what is needed or she skips her turn.

# Take Down

## Object

To be the first person to uncover the whole piece of a fraction kit.

## Materials

1 Fraction Kit per person

1 Fraction cube labeled  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$ ,  $\frac{1}{8}$

## How to play

Players start with the two  $\frac{1}{2}$  pieces. When the cube is rolled, a player has three choices:

1. Remove the exact fraction piece on the cube (if it is one of the whole piece);
2. Exchange any of the pieces left for equivalent pieces;
3. Do nothing. Pass the cube to the next player.



