Fraction Kit Games: Add Up and Take Down

Add Up

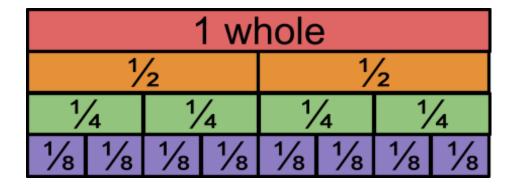
Object

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 $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{8}$, $\frac{1}{8}$



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

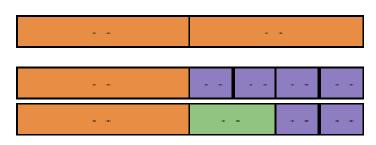
1 Fraction Kit per person

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

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.



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$rac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{8}$							