

# ADVANCED Fraction Zone

## EQUIVALENCES

$$\frac{1}{6} = \frac{2}{12}$$

$$\frac{1}{5} = \frac{2}{10}$$

$$\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$$

$$\frac{1}{3} = \frac{2}{6} = \frac{3}{9} = \frac{4}{12}$$

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8} = \frac{5}{10} = \frac{6}{12}$$

$$\frac{2}{3} = \frac{4}{6} = \frac{6}{9} = \frac{8}{12}$$

$$\frac{3}{4} = \frac{6}{8} = \frac{9}{12}$$

$$\frac{5}{6} = \frac{10}{12}$$



# ADVANCED Fraction Zone

## INSTRUCTIONS

**Be a fraction whiz! This unique bingo game incorporates fractions through twelfths, and two levels of challenge.**

Level 1 features identification of fractions using circles, rectangles and parts of a set.

Level 2 focuses on equivalencies and fractions in lowest terms.

For 2 to 4 players. Ages 9+.

### Contents:

- 4 bingo cards
- 64 double-sided interchangeable bingo tiles
- 1 double-sided spinner
- 100 bingo markers

### Getting Started:

- Assemble the spinner arrow as shown.
- Select level of game play:
  - For Level 1: Use bingo tiles with the blue background side up. For the spinner, use outer ring marked Level 1.
  - For Level 2: Use bingo tiles with the white background side up. For the spinner, use outer ring marked Level 2.
  - Snap on outer ring of spinner to assembled arrow unit.
  - Pop out the bingo tiles from the 4 bingo cards and place them same color side up in a pile. Players chose 16 tiles or their bingo cards.



### Rules of Play

Youngest player starts by spinning the spinner and calling out the fraction for all players. All players check their cards for equivalent fractions and cover them with a marker. Only one fraction can be covered on a card during each turn. Lowest term fractions are represented on both the cards and spinner, so sometimes players may be able to cover a matching fraction without finding the equivalent. First player to get 4 fractions in a row (vertically, horizontally or diagonally) wins.

### Variations:

**COVER-ALL:** First player to cover their card completely wins.

**EQUIVALENCIES:** Players may cover equivalent fractions (ie. Caller spins " $\frac{1}{2}$ ", players can cover " $\frac{2}{4}$ ", etc.) This is a variation for Level 1 only.

**SELF-CHECKING GAME:** As a space is called out on the spinner, cover it with a chip. When a player calls "BINGO," go back and check the player's card by calling out the covered spaces on the spinner.