LDA

Fraction Lotto 0-10

Includes fractions up to tenths

Age: 7+   1–4 players

Contents: 4 game boards, 36 playing cards, playing instructions

Introduction

This challenging photographic lotto game is designed to encourage children to learn and know their fractions up to tenths. Each board has nine playing squares, each depicting fractions of everyday items which children match to the fraction notation cards.

The fraction cards include:

1 whole	5/5	4/4	1/5	2/5	3/5	4/5		1/9	5/9	7/9	8/9	
1/2	1/2		1/6	2/6	4/6	5/6		1/10	2/10	3/10	8/10	9/10
1/3	2/3		1/7	3/7	4/7	6/7						
1/4	2/4	3/4	1/8	2/8	3/8	5/8	6/8					

How to play

Each player has a game board. Shuffle the playing cards and place them face down in a draw pile. Take turns to draw a card from the pile. If the fraction matches a picture on the game board, place the card over that picture. If not, return the card face down to the bottom of the pile. The first player to correctly cover all of the pictures wins!

It is important that children match the fractions on the playing cards to the clearly defined parts of the images, **not** to the pale/shaded parts.

Fraction Lotto may be played at two levels:
• Level 1

Players may only match a fraction card to an image on the playing board that shows **exactly** the same fraction, for example:

2/6 matches 2/6
The correct space shows an object that is divided into 6 equal parts; 2 parts are clearly visible.

1 matches 1
The correct space shows an object that is not divided; the whole object is clearly visible.
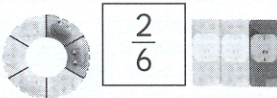

• Level 2

To make it harder, players may also match a fraction card to an image on the playing board that shows an equivalent fraction, for example:

2/6 matches either 2/6 or 1/3
The correct space could be **either** an object divided into 6 equal parts, with 2 parts clearly visible **or** an object divided into 3 equal parts, with 1 part clearly visible.

1 matches 1 or 5/5
The correct space could be **either** an object that is not divided **or** an object divided into 5 equal parts, all of which are clearly visible.