

Diabolical Decimals

Converting Decimals to Fractions and Fractions to Decimals

Start

$$\frac{2}{10}$$

$$\frac{60}{100}$$

6.0

Miss a turn.

$$\frac{2}{100}$$

0.05

Cover any answer.

$$\frac{3}{10}$$

0.09

Move forward 2 spaces.

$$\frac{6}{10}$$

$$\frac{70}{100}$$

0.02

Move back 3 spaces.

$$\frac{30}{100}$$

Cover any answer.

$$\frac{40}{100}$$

$$\frac{1}{100}$$

0.04

$$\frac{5}{10}$$

Miss a turn.

0.07

$$\frac{90}{100}$$

Move forward 2 spaces.

0.08

$$\frac{4}{100}$$

Move back 3 spaces.

$$\frac{8}{10}$$

Take an extra turn.

0.05

0.06

How to Play

1. You will need dice, counters to move around the board and 22 counters to cover the answers.
2. Roll the dice and move forward the correct number of spaces.
3. Convert either the decimal or the fraction on the square you land on or follow the instructions. Find the answer on one of the circles.
4. Cover the answer with a counter.
5. If the answer is already covered, miss a turn.
6. The winner is the player who covers the most answers.



A central area containing 22 white circles, each with a decimal or fraction answer. The answers are: 4/100, 9/100, 5/100, 0.4, 0.7, 9/10, 7/10, 0.3, 0.8, 0.6, 5/100, 0.6, 0.3, 0.04, 0.01, 0.5, 0.2, 0.9, 8/100, 0.02, 2/100, 6/100, 0.09, 6/10, 70/100, and 0.02.