

Spin It!

Multiplying & Dividing Decimals Game



*Created by Bethany @
MathGeekMama.com*

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Spin it! Decimals Game

Game Set Up:

- Print the spinner board and one or two fidget spinners. Tape a marker on the fidget spinner to show what it's pointing to. You could also use a pencil and paper clip with the spinners if you'd rather not use fidget spinners.
- Print game boards for all players. There are ready to use boards for multiplying a whole number by a decimal and dividing a whole number by a decimal. There are also blank boards if you need more or if you'd rather kids create their own.
- Gather game markers for each player to cover spaces on their game board.

How to Play:

- The first player spins a whole number and a decimal and then performs the operation (multiplication or division). If their solution is on their game board they can cover it. If not, it's the next player's turn.
- Players take turns spinning and calculating with decimals and marking the spaces on their game board.
- The first player to cover 4 solutions in a row (side to side, up and down or diagonal) wins!

Variations:

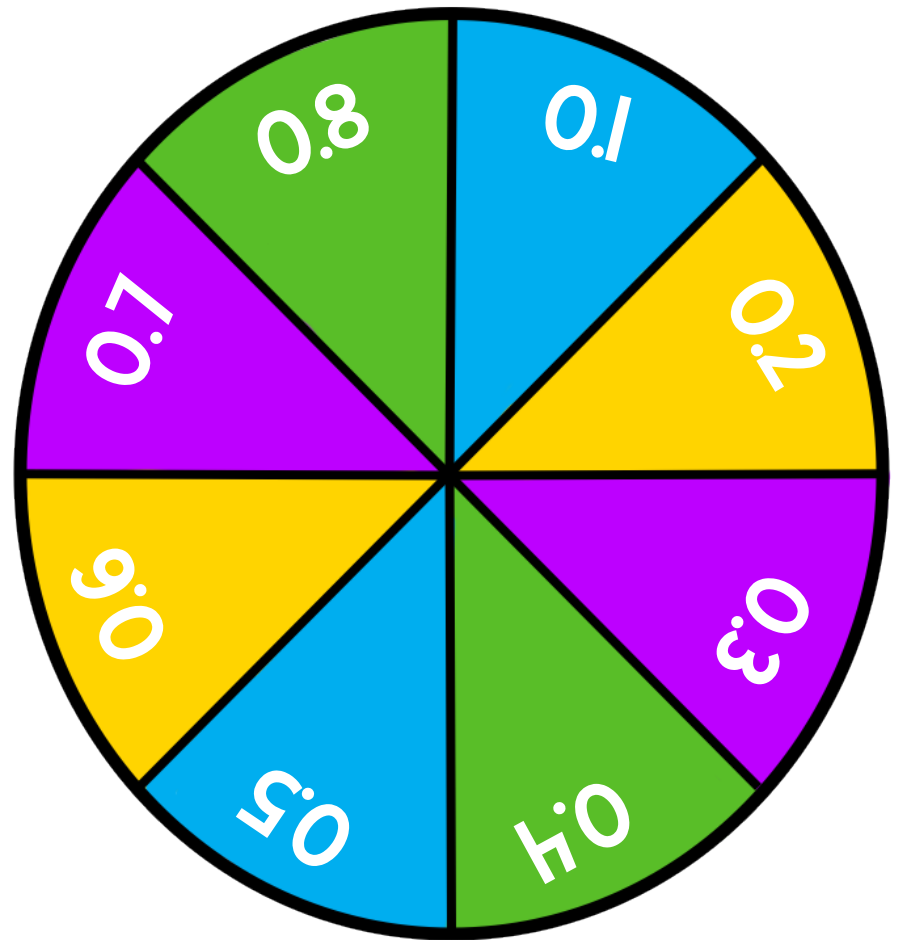
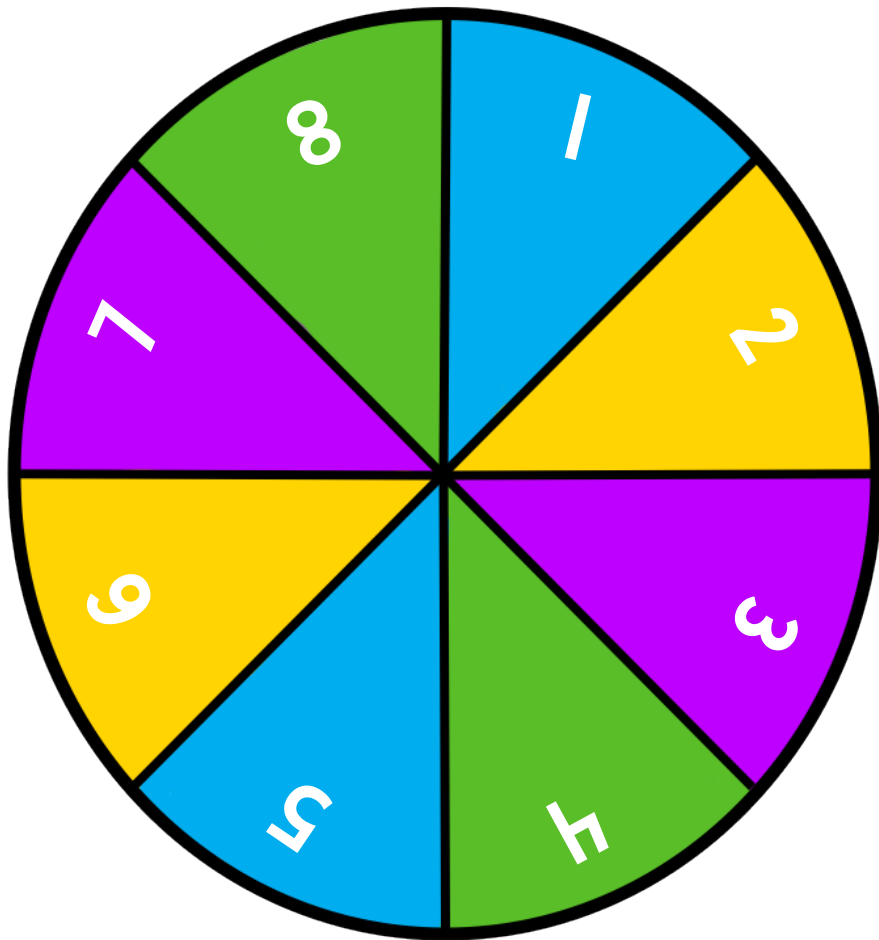
- For greater challenge, you can have kids calculate all the possible solutions before beginning and then find the probability of each solution. They can then fill in their own game board based on solutions with greater probability.
- For division, you could also play by dividing the decimal by the whole number. You will just need to fill out your own game boards to correspond to possible solutions.

Spin it! Decimals Game

Directions: Place a fidget spinner on each of the spinners below and add an arrow mark to it with a piece of tape. On your turn, spin a number on both spinners. Then either multiply or divide the whole number by the decimal number. If your solution is on your game board, cover it with a game marker.

If not, it is the next player's turn. Continue taking turns in this way.

The first player to cover four spaces in a row wins!



Spin It!

Multiplying Decimals Game Board

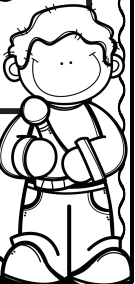
0.2	3.2	0.6	0.8
0.4	2.5	4.8	3.6
0.3	1.6	1.8	5.6
0.7	2.4	1.2	2.8



Spin It!

Multiplying Decimals Game Board

2.8	4.9	1.6	2.4
0.5	0.8	0.9	3.2
3	1.4	1.2	3.5
4.8	0.2	2	2.8



Spin It!

Multiplying Decimals Game Board

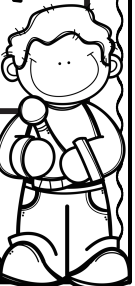
1.2	4.8	3.5	4
0.8	2.4	1.6	0.6
0.7	5.6	3.2	0.9
1.8	6.4	4.2	3.5



Spin It!

Multiplying Decimals Game Board

0.8	1.6	6.4	3
1.2	3.2	2	0.6
0.2	0.5	1.4	3.2
5.6	1.8	0.9	4.9



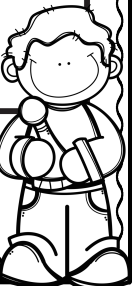
Spin It!

Multiplying Decimals Game Board



Spin It!

Multiplying Decimals Game Board



Spin It!

Dividing Decimals Game Board

10	1.25	20	3.75
8	50	60	7.5
70	80	5	40
30	25	16	35



Spin It!

Dividing Decimals Game Board

15	20	35	6
1.25	60	7.5	70
3.75	25	30	5
8	10	80	50



Spin It!

Dividing Decimals Game Board

7.5	15	80	50
6	25	5	16
30	3.75	10	35
8	50	40	60



Spin It!

Dividing Decimals Game Board

5	10	20	14
30	40	3.75	8
7.5	80	50	6
25	15	1.25	30



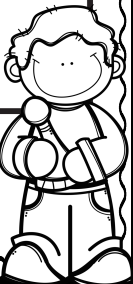
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Dividing Decimals Game Board



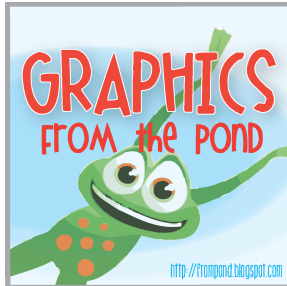
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Dividing Decimals Game Board



Thank You!

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