

Dividing Decimals Race

A 12-pack of soda costs \$5.40.
How much does each soda cost?

$$21.7 \div 3.5 = \underline{\hspace{2cm}}$$



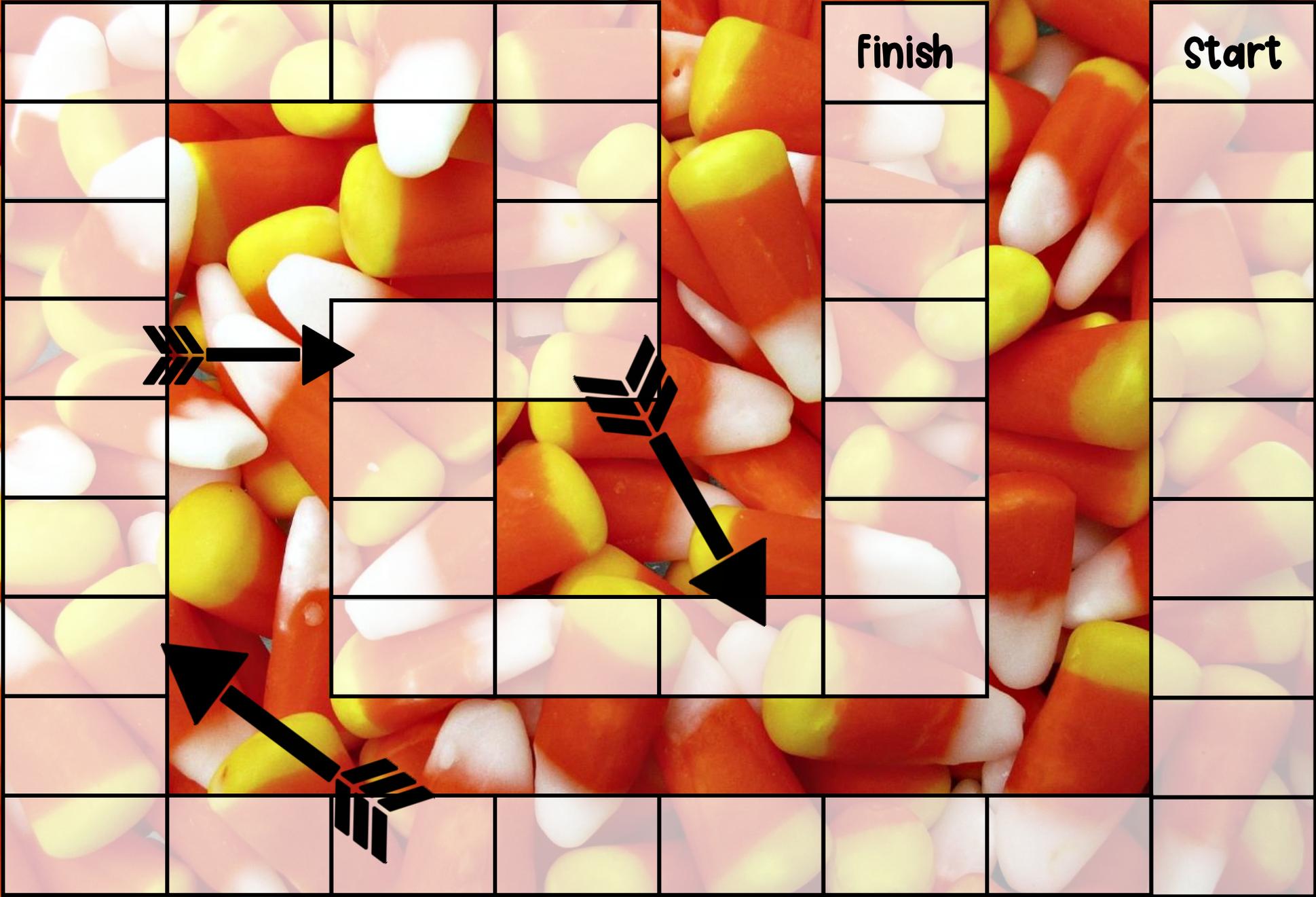
Dividing Decimals Race

Materials:

- Game board
- Game cards
- Number cube or die
- Small objects for the game pieces (1 per student)
- Math journal or paper
- Calculator

Directions:

- 1) Both students place their game pieces on the Start box. Game cards are shuffled and placed facedown.
- 2) Player 1 picks the top card from the pile. Both players solve the problem on the card in their math journals. Player 2 checks the answer on a calculator. If player 1's answer is correct, he/she rolls the die and moves that many spaces on the game board. If Player 1's answer is not correct, he/she does not move any spaces on the board.
- 3) Play continues with Player 2 picking the top card, both players solving the problem, and Player 1 checking the answer on the calculator.
- 4) If a player lands on a space with an arrow, he/she moves the game piece to the new space.
- 5) Play continues until a player lands on or passes the finish box.



A

Josh has \$73.85. He wants to divide this amount evenly between himself and four of his friends. How much should each person get?

B

Mrs. Smith bought 1.5 pounds of ground beef from the grocery store. She paid a total of \$6.75 for the ground beef. What was the price per pound?

C

Jason spent \$20.00 for school lunches. If each lunch of \$2.50, how many lunches did he buy?

D

Lori spent a total of \$18.00 on rides at the county fair. Each ride cost \$1.50. How many rides did Lori go on at the fair?

E

A 12-pack of soda costs \$5.40. How much does each soda cost?

F

How long is each side of a square with a perimeter of 12.32 centimeters?

G

Joe and Amy have to share \$20.64 evenly for Fall Festival. How much money will each child receive?

H

There are 8 bags of rocks, all together weighing 32.16 pounds. Each bag weighs the same. How much does each bag weigh?

I

Serena paid \$35.01 for 9 hot dogs. How much did each hot dog cost?

J

Four girls had dinner together and spent \$45.64 in total. They split the cost evenly among themselves. How much did each girl pay?

K

Mr. Brown paid \$66.96 for 24 gallons of gas. What was the price per gallon?

L

Mr. Smith own 21.6 acres of land. He divides it into lots of 0.6 acres each. How many lots did he get from the land?

M

At the grocery store a six-pack of water costs \$2.88. How much does each bottle cost?

N

A relay race last 12.72 miles. There are four runners on the relay team. If each runner runs the exact same distance, how many miles does each team member run during the race?

O

Mr. Thomas distributed \$126 equally among his four children for their allowance. How much money did each child receive?

P

The fifth graders took a trip to a waterpark. 40 kids went on the field trip. The total bill for entering the park was \$218.00. How much was the entrance fee for each student.

Q

The total distance of a race is 18.9 km. If volunteers set up a water station every 0.7 km, including one at the finish line, how many stations will they have?

R

Tom and his two friends want to watch World Cup Soccer on Pay Per View. It costs \$28.68. If they split the cost evenly, how much will each person pay?

S

$$20.32 \div 8 = \underline{\hspace{2cm}}$$

T

$$22.92 \div 3 = \underline{\hspace{2cm}}$$

U

$$62.3 \div 0.7 = \underline{\hspace{2cm}}$$

V

$$194.25 \div 3.5 = \underline{\hspace{2cm}}$$

W

$$180 \div 4.5 = \underline{\hspace{2cm}}$$

X

$$21.7 \div 3.5 = \underline{\hspace{2cm}}$$

Y

Z

$$184.80 \div 12 = \underline{\hspace{2cm}}$$

$$111.32 \div 11 = \underline{\hspace{2cm}}$$

AA

BB

$$179.76 \div 56 = \underline{\hspace{2cm}}$$

$$11.20 \div 4 = \underline{\hspace{2cm}}$$

CC

DD

$$156.8 \div 56 = \underline{\hspace{2cm}}$$

$$80 \div 3.2 = \underline{\hspace{2cm}}$$

Graphics and fonts

