5.NBT.B.7

Multiplying Decimals Race

37 x 9.5 = _____

Carlos earns $12.50 per day on his paper route. How much does he earn in a week?

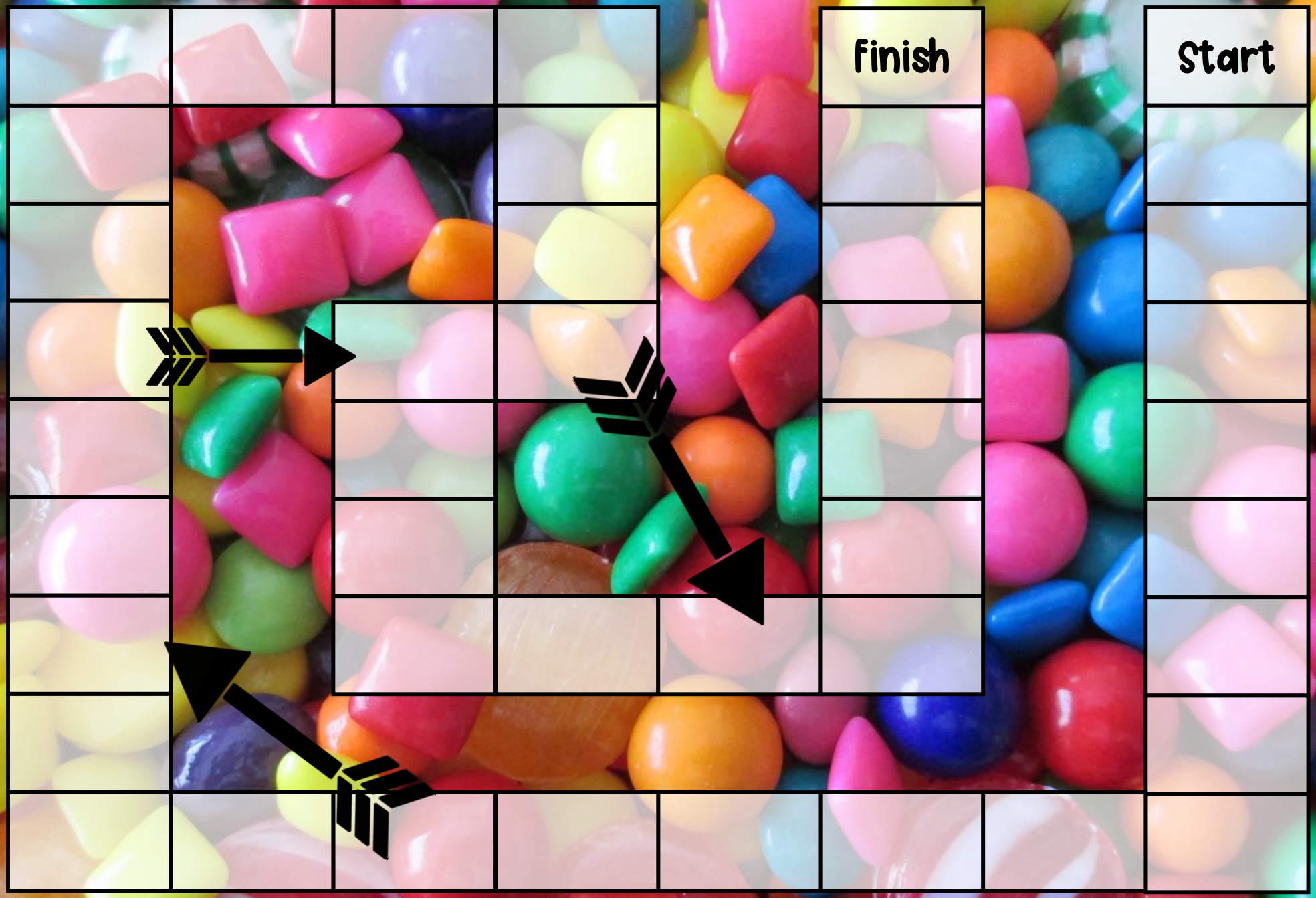
Multiplying Decimals Race

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.


Finish
Start

A

Juan makes $4.75 per hour at his work. If he works 8 hours, how much money will he earn?

B

Casey's cat weighs 2.6 kilograms. Her dog weighs 4 times as much as her cat. How much does her dog weigh in kilograms?

C

Jim rides the bus to and from school each day. A one-way trip is 8.12 kilometers. How many kilometers does he travel in 3 days?

D

Carlos earns $12.50 per day on his paper route. How much does he earn in a week?

E

Julia bought 23 yards of fabric to make a patchwork quilt. If the fabric was on sale for $6.29 per yard, how much did Julia spend?

F

Tom buys 3 gallons of yellow paint and 7 gallons of blue paint. If the yellow paint is $12.95 a gallon, and the blue paint is $14.95 a gallon, how much did Tom spend on paint.

G

Each frame costs $8.29. How much will 28 frames cost?

H

Each box of 96 crayons costs $5.69. How much will 35 boxes cost?

I

Each bracelet costs $50.99. How much will 12 bracelets cost?

J

Maria bought 15 erasers to give out as favors at her birthday party. Each eraser cost seventy-five cents. How much did Maria spend in all?

K

Steven pays $1.63 for a cappuccino on days he's running late to work. One week he was late on Tuesday, Thursday, and Friday. How much did he spend on cappuccinos that week?

L

The book store is having a sale on bookmarks. Each bookmark is on sale for $0.84. Each student in Ms. Smith's class decides to buy a bookmark. There are 23 students in Ms. Smith's class. How much will the class spend on bookmarks at the book store?

M

On Friday, Natalie picked up 5 pounds of ground beef from the store to make hamburgers. If one pound of ground beef was priced at $5.67, how much did Natalie spend?

N

A student earns $9.75 per hour for gardening. If she works 21 hours this month, how much will she earn?

O

Zack is on the track team. He runs 2.25 miles each day. How many miles does he run in 14 days?

P

Mark works at the grocery store. He worked 15 hours this week. Last week, he worked 2.5 times as many hours as he worked this week. How many hours did he work last week?

Q

Frank and Jenny are working on a science project. They need to write how much a rock that weighs 7 pounds would weigh on Mars. They know they can multiply weight on earth by 0.38 to find the weight on Mars. What number should they write down?

R

A baker is going to make 24 cherry pies. He wants to make sure each pie contains 3.5 cups of cherries. How many cups of cherries will he need?

S

85.6 x 2.3 = _____

T

37 x 9.5 = _____

U

13 x 0.53 = _____

V

23 x 59.8 = _____

W

32 x 12.71 = _____

X

61 x 15.98 = _____

Y

15.43 x 10 = _____

Z

12.51 x 100 = _____

AA

96.93 x 1000 = _____

BB

34.65 x 10 = _____

CC

68.16 x 100 = _____

DD

44.13 x 1000 = _____

Graphics and fonts

Worth a Thousand Words

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