

# About Domino Math

Domino math games are a simple, inexpensive, fun way for students from first grade through high school to practice estimation skills and number facts. Younger children can play addition and subtraction games using dominoes sets with 0-6 or 0-10 dots per tile; advanced students can play multiplication and division games or experiment with equations using domino sets with 0-15 dots per tile. Younger children can take turns, while advanced students can race. No two games are alike, which keeps Domino Math fresh and exciting.



## Domino Races: Multiplication

### Goal:

To be the first team to make a line of dominoes from one edge of a table to another. A game for a larger group, at least 3 players on each team.

### Rules:

1. Set up the game on a **race table**, which is at least 4 to 5 feet long. Two desks placed next to each other work fine.
2. On a separate table, place all the dominoes face up. This pile of dominoes is called the **boneyard**.
3. To start, each team picks a **seed domino** from the boneyard and places it face up at one end of the race table.
4. Teams decide on a **range** of 10 to 15 numbers, like 15 to 30.
5. To race, each team must **place a domino end to end with the preceding domino that meets the math target**. Blank=0.
6. Each team has 3 roles: finder, carrier, and placer. The finder looks in the boneyard for a suitable domino. The carrier takes dominoes from the finder and gives them to the placer. The placer puts the dominoes on the race table.
7. When a team reaches the end, the instructor checks their math. If the team made a mistake, the other team wins.

### Sample Game

Team 1

2
3
8
2
8
4
5
7
4

Seed Dominos

Team 2

4
5
6
9
2
7
3
5

Blue arrows and equations for Team 1:  $3 \times 8 = 24$ ,  $2 \times 8 = 16$ ,  $4 \times 5 = 20$ ,  $7 \times 4 = 28$

Green arrows and equations for Team 2:  $5 \times 6 = 30$ ,  $9 \times 2 = 18$ ,  $7 \times 3 = 21$

Multiplication Range is between 15 and 30.

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