

Great for Promoting Fluency in Multiplication Facts!

Dice Games for Multiplication Mastery

66 Games to Improve Fact Fluency

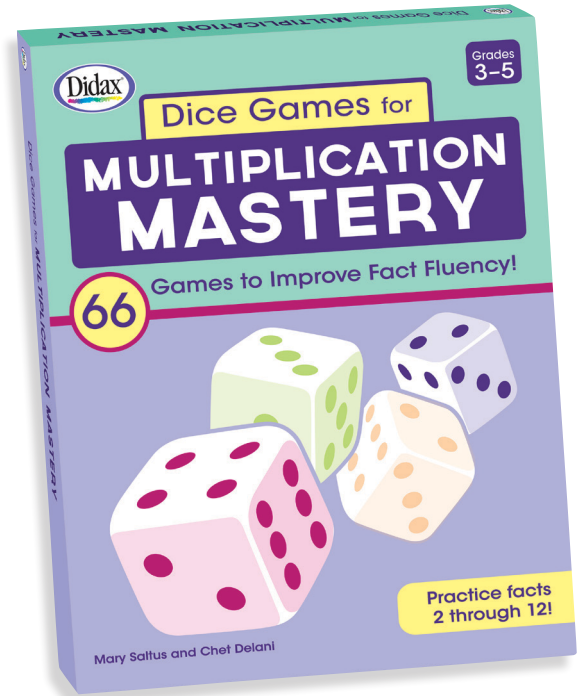
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Invite students to playfully compete with each other in these dice games of skill and chance. Designed to promote fluency in multiplication facts 2 through 12, these games reinforce number sense and the properties of multiplication.

The set includes 33 double-sided cards for a total of 66 games. There are six different dice games included with 11 variations for each game (each game includes a card focusing on a specific multiplication fact from 2 to 12). Instructions are included on each game card, making these ideal for use in small groups or stations. (Dice not included.)

Grades 3–5

211885 • \$19.99



3 in a Row $\times 8$

Materials: 1 die + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Toss 2 dice. Find the sum. Multiply the sum by 8. Say the product out loud.
3. Place a token on a space on the chart. Explain why the product makes the inequality or equation true.
4. If you can't place a token, it's the next player's turn.
5. First player to get 3 in a row, vertically, horizontally, or diagonally, wins the game.

Example: Toss a 3, 2 + 4 = 24. Place a token on 24.

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 16 | 48 | 24 | | | 24 | 32 | 40 |
| 8 | 40 | 8 | | | 40 | 24 | 16 |
| 48 | 32 | 40 | | | 16 | 48 | 8 |
| | | | 48 | 24 | | | |
| | | | 40 | 32 | | | |
| 8 | 40 | 32 | 8 | 48 | 16 | 32 | 40 |
| 16 | 48 | 16 | | | 32 | 48 | 24 |
| 32 | 8 | 24 | | | 8 | 24 | 16 |

Remove $\times 3$

Materials: 2 dice + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Players toss 2 dice on opposite sides of the board.
3. Place a token on each of the correct boxes above the multiple.
4. Toss 2 dice and find the sum. Multiply the sum by 3. Say the product out loud.
5. Remove the token above that product. (You can't remove a token, it's the next player's turn.)
6. First player to remove 5 tokens in a row wins the game.

Example: Toss 3 and 5. 3 + 5 = 15. 15 \times 3 = 45. Remove a token from the box above 45.

| | | | | | | | | |
|----|--|--|--|--|--|--|--|----|
| 18 | | | | | | | | 33 |
| 24 | | | | | | | | 24 |
| 12 | | | | | | | | 18 |
| 27 | | | | | | | | 36 |
| 30 | | | | | | | | 15 |
| 15 | | | | | | | | 36 |
| 36 | | | | | | | | 6 |
| 6 | | | | | | | | 33 |
| 33 | | | | | | | | 21 |
| 21 | | | | | | | | 9 |

Zig Zag $\times 4$

Materials: 2 dice + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Toss 2 dice. Find the sum. Multiply the sum by 4. Say the product out loud.
3. Place a token on the product anywhere on the chart.
4. If you can't place a token, it's the next player's turn.
5. The first player to place 7 or more tokens on a continuous path from one side of the chart to the other (vertically, horizontally, and/or diagonally) wins.

Example: Toss 2 and 5. 2 + 5 = 7. 7 \times 4 = 28. Place a token on 28.

| | | | | | | |
|----|----|----|----|----|----|----|
| 36 | 48 | 24 | 32 | 20 | 36 | 28 |
| 28 | 32 | 16 | 36 | 24 | 8 | 20 |
| 20 | 24 | 28 | 40 | 32 | 12 | 24 |
| 32 | 40 | 44 | 28 | 16 | 44 | 36 |
| 12 | 28 | 16 | 36 | 12 | 40 | 32 |
| 24 | 8 | 32 | 24 | 20 | 28 | 44 |
| 40 | 20 | 28 | 48 | 24 | 32 | 16 |

More or Less $\times 5$

Materials: 2 dice + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Toss 2 dice. Find the sum. Multiply the sum by 5. Say the product out loud.
3. Place a token on a space on the chart. Explain why the product makes the inequality or equation true.
4. If you can't place a token, it's the next player's turn.
5. First player who makes more true statements wins the game.

Example: Toss 2 and 4. 2 + 4 = 6. 6 \times 5 = 30. Place a token on the square "9 > ____" because 9 is less than 30.

| | | |
|----------------------|-----------|---------------------|
| ____ > 2 \times 10 | 19 < ____ | 35 = ____ |
| 44 < ____ | ____ < 26 | ____ < 2 \times 8 |
| 31 > ____ | ____ = 40 | 49 < ____ |
| ____ = 30 | 21 > ____ | 46 > ____ |
| 22 < ____ | ____ = 35 | ____ > 14 |

3 in a Row $\times 2$

Materials: 2 dice + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Toss 2 dice. Find the sum. Multiply the sum by 2.
3. Place a token on the product anywhere on the chart. If you can't place a token, it's the next player's turn.
4. First player to get 3 in a row, vertically, horizontally, or diagonally, wins the game.

Example: Toss 3 and 2. 3 + 2 = 5. 5 \times 2 = 10. Place a token on 10.

| | | | | | | | |
|----|----|----|----|----|----|----|----|
| 10 | 16 | 8 | | | 16 | 24 | 12 |
| 22 | 12 | 18 | | | 20 | 14 | 18 |
| 20 | 4 | 14 | | | 18 | 6 | 10 |
| | | | 20 | 16 | | | |
| | | | 14 | 6 | | | |
| 16 | 22 | 18 | 8 | 12 | 14 | 4 | 20 |
| 14 | 10 | 12 | | | 10 | 8 | 14 |
| 24 | 12 | 8 | | | 6 | 16 | 22 |

Checkerz $\times 9 \times \frac{1}{3}$

Materials: 1 die + 2 sets of tokens (different color for each player)

How to Play:

1. Players toss a die. Higher number goes first.
2. Toss a die and multiply the total by 9. Say the product out loud.
3. Find one-third of the product. Say the solution out loud.
4. Place a token on the solution anywhere on the chart. If you can't place a token, it's the next player's turn.
5. The first player to get 3 in a row vertically or horizontally, wins the game.

Example: Toss a 5. 5 \times 9 = 45. 45 \div 9 = 5. Place a token on 15.

| | | | | | | |
|----|----|----|----|----|----|----|
| 3 | 18 | 6 | 18 | 15 | 9 | 12 |
| 12 | | 3 | | 6 | | 15 |
| 18 | 6 | 15 | 12 | 9 | 12 | 3 |
| 3 | | 12 | | 15 | | 6 |
| 6 | 15 | 9 | 3 | 12 | 3 | 18 |
| 9 | | 18 | | 18 | | 9 |
| 15 | 9 | 12 | 9 | 3 | 18 | 6 |