

# GET THE PRODUCT DICE GAME

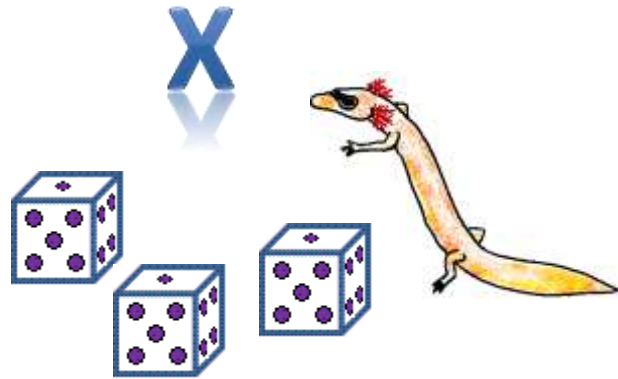
**Age range:** 3<sup>rd</sup> Grade +

**Number of players:** 2

**Learning:** multiply by numbers 1 to 6

**You will need**

- 3 dice
- Some pieces of paper



**Instructions**

- Player 1 throws all three dice secretly without Player 2 seeing them.
- Player 1 then secretly writes the numbers on the dice down on a piece of paper and multiplies them all together.
- Player 1 then tells their answer to Player 2.
- Player 2 has to work out the numbers on the dice from Player 1's answer. When Player 2 thinks they have worked out the correct numbers on the dice, the dice rolls are shown to Player 2.
- How to score:
  - o If Player 2 got the correct numbers on the 3 dice, then they score 10 points.
  - o If Player 2 got the wrong numbers on the dice but the numbers multiply together to make the correct product, then Player 2 scores 5 points.
  - o If Player 2 made a mistake with their multiplication, they score 0 points.
  - o If Player 1 made a mistake with their multiplication, Player 2 gets 10 points (unless Player 2 also made a mistake).
- Now Player 2 rolls the 3 dice secretly and multiplies all the numbers together, and it is Player 1's turn to guess.
- The winner is the first player to reach 100 points.

# GET THE PRODUCT DICE GAME CONT.

**Example 1:** Player 1 rolls a 2,4 and a 5, and then multiplies them all together to make an answer of 40. Player 1 then tells their answer to Player 2 who guesses Player 1 rolled a 2,4 and a 5. Player 2 is correct and scores 10 points.

**Example 2:** Player 1 rolls a 2,3 and 4, and then multiplies them together to make an answer of 24. Player 2 guesses that Player 1 rolled a 1,4 and a 6. Player 2 has the wrong numbers, but the right product, so scores 5 points.

## Variations

- Playing with 2 dice makes this game much easier.
- Playing this game with 4 dice makes this game harder.
- Try playing with 8 or 10 sided dice makes the game harder and brings in different math facts to use.
- You can invent your own scoring system to go with the game.