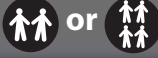


# Tic Tac Toe



## Get Started



or

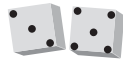


Get 20 squares in one color and 20 in another color. Get two number cubes for players to share. Get a paper and pencil. Take turns.

## For Each Round

Toss two cubes. Form a 2-digit number.  
Decide if that number is prime or composite. Explain.  
If you have a composite number, name all of its factors.  
Find the number of factors in all. Cover the answer.  
If the answer is taken, lose your turn.

## Example



The number is **35** or **53**.

**35** is a composite number. Its factors are 1, 5, 7, and 35. 35 has 4 factors.

**53** is a prime number because its only factors are 1 and 53.

## How to Win

The first player or team to cover a row, column, or diagonal in one of the four sections of the game board wins.

Composite number that has 7 factors	Composite number that has 4 factors	Prime number	Composite number that has 6 factors	Prime number	Composite number that has 8 factors
Composite number that has 8 factors	Prime number	Composite number that has 4 factors	Composite number that has 4 factors	Composite number that has 4 factors	Composite number that has 4 factors
Composite number that has 4 factors	Composite number that has 6 factors	Composite number that has 4 factors	Prime number	Composite number that has 4 factors	Composite number that has 8 factors
Composite number that has 4 factors	Prime number	Composite number that has 4 factors	Composite number that has 3 factors	Composite number that has 6 factors	Composite number that has 4 factors
Composite number that has 6 factors	Composite number that has 5 factors	Prime number	Composite number that has 8 factors	Prime number	Composite number that has 6 factors
Composite number that has 4 factors	Prime number	Composite number that has 9 factors	Composite number that has 6 factors	Composite number that has 4 factors	Composite number that has 8 factors

If you have more time



Play again!