

Tic Tac Toe



Get Started



Get 20 squares in one color and 20 in another color.

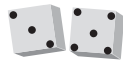
Get two number cubes for players to share.

Take turns.

For Each Round

Toss the cubes. The numbers you toss are the length and width in inches of a rectangular prism that has a height of 8 inches. Explain how to find the volume of that rectangular prism. Cover the answer. If the answer is taken, lose your turn.

Example



Area of base: $3 \text{ in.} \times 5 \text{ in.} = 15 \text{ in}^2$

Volume of the rectangular prism: $15 \text{ in}^2 \times 8 \text{ in.} = 120 \text{ in}^3$

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.

24 in ³	160 in ³	48 in ³	144 in ³	80 in ³	40 in ³
200 in ³	96 in ³	8 in ³	240 in ³	32 in ³	160 in ³
80 in ³	40 in ³	120 in ³	48 in ³	16 in ³	72 in ³
144 in ³	96 in ³	64 in ³	24 in ³	288 in ³	96 in ³
16 in ³	48 in ³	240 in ³	128 in ³	64 in ³	32 in ³
96 in ³	192 in ³	32 in ³	120 in ³	48 in ³	192 in ³

If you have more time



Play again!