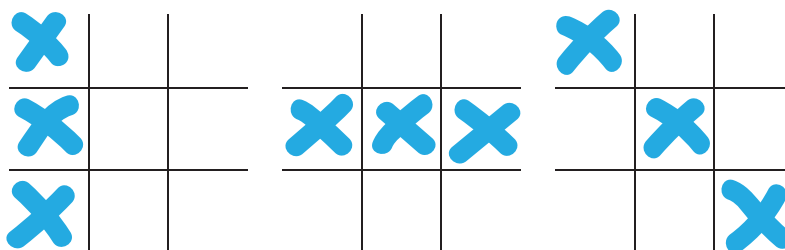


# Finding Shapes Tic-Tac-Toe

## Object of the Game

Be the first player to claim 3 spaces in a row, column, or on the diagonal to win the game.



*Three ways to win!*

## Materials

- Finding Shapes Tic-Tac-Toe Board
- Paper to create a shared tic-tac-toe record sheet
- 2 different color pens, pencils, crayons, or markers

## Skills

This game helps us practice:

- Identifying shapes as flat or solid
- Describing shapes in our environment
- Naming shapes

## How to Play

1. Draw a large tic-tac-toe grid on a sheet of paper that will be used as a shared record sheet.
2. Decide which player will be Xs and which will be Os.
3. Players take turns choosing a space on the Finding Shapes Tic-Tac-Toe Board. They look at the number on each shape to see how many of that shape they should find in their home, before recording X or O on the corresponding space on the record sheet.

» When you select a space, answer the following questions:

- ✧ What is the name of the shape?
- ✧ Is this a flat or solid shape?
- ✧ How many sides does this shape have?
- ✧ Where is this shape in your home?
- ✧ How many shapes do I need to find?



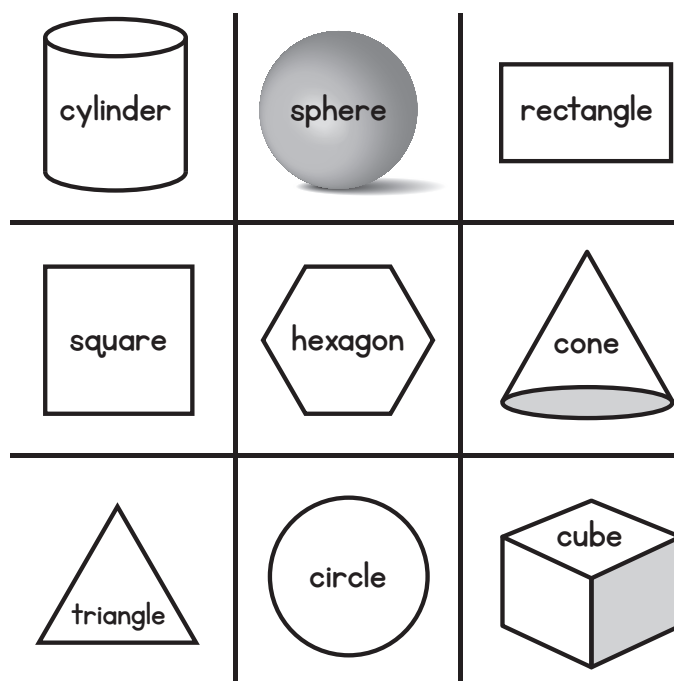
*This is a rectangle. It's a flat shape. It has 1, 2, 3, 4, 5 sides. It has a 5 on it so I need to find 5 rectangles in our home. I see 1 – it's the window. Now I need to find 4 more, then I can put my X in this square.*

4. The first player to claim 3 spaces in a row, column, or on the diagonal wins the game.
5. Have fun!

## Tips for Families

Before the game:

- Ask your child to name the shapes on the Tic-Tac-Toe Board. Not sure? Say the names together.



During the game:

- Ask your child to help you answer the questions in step 3 when you're claiming a space.

After the game:

- Count how many spaces were claimed and how many were left unclaimed.
- Count how many spaces have Xs and how many spaces have Os. Ask: *Which one had the most?* If different amounts, ask: *How many more Xs or Os are needed to be equal?*

## Change It Up

Making even small changes to a game can invite new ways of thinking about the math. Try making one of the changes below.

- Try limiting your search to one room of your home such as the kitchen or your child's bedroom.
- Play Finding Shapes Tic-Tac-Toe by looking for the shapes in children's books or family-friendly magazines.
- Invite your child to help create a new Tic-Tac-Toe Board. What would they like to put in each space? Write their ideas or have them draw pictures in each square.

# Finding Shapes

## Tic-Tac-Toe Board

