

# Mystery Sort: 3-D Shapes

**The object of the game is to guess how the shapes are sorted.  
This game is for two or more players.**

## Materials

- One set of *3-D Shape Sort Cards* or other representations of shapes
- “Yes” and “No” cards cut from the bottom of this page
- Category cards cut from this page, optional

## Directions

1. One player is selected as the leader of the round. The leader chooses one of the categories shown on the cards to sort the shapes and keeps the category a secret. For example, pyramids.
2. The leader places the “Yes” and “No” cards to show two places to sort the cards.
3. The leader starts placing shapes into two piles using the category. If the shape fits the category, it is placed with the “Yes” card. If the shape does not fit, it is placed with the “No” card. The leader does not need to include all the shapes.
4. As the leader places the shapes, players try to guess the category. If they guess incorrectly they are not allowed to guess again.
5. The player who guesses the category correctly is the winner and leads the next round.

### Category Cards

Cylinders	Pyramids	Cones
Prisms	Prisms with rectangles	Curved surfaces
Shapes with right angles	Shapes with parallel edges	Shapes with congruent faces
YES		NO