

Mystery Sort: Faces

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

Materials

- One set of *Faces of 3-D Shapes Cards* or other representations of shapes.
- “Yes” and “No” cards cut from the bottom of this page
- Category Cards cut from the bottom of 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: no parallel faces.
2. The leader places the “Yes” and “No” cards to show two places to sort the shape cards.
3. The leader starts placing shape cards 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

At least one set of parallel faces	No parallel faces	At least one set of congruent faces
All faces are congruent	At least three rectangular faces	All rectangular faces
Has a top vertex	Has a top vertex and triangular-shaped faces	At least one hexagonal face
YES		NO