2D vs 3D Shape Sorting

Purpose
- Students will identify and sort shapes into 2 Dimensional or 3 Dimensional Shapes.

Materials
- Sorting Cards - Attached after Lesson Plan
  - Print on different color card stock to differentiate groups
- Heading Cards - Attached after Lesson Plan (1 per team)
- Cones or Poly Spots (optional but very helpful)
- Classroom Exercise Sheet / Exercise Posters

Length

25 min.

Introduction

Review the difference between 2D and 3D shapes.

Relay

Directions
1. Divide the class into teams no larger than 5.
2. Each group will have a specific cone color or spot as their starting point.
3. Set a cone with items or simply drop items in a pile for students to retrieve a few feet away.
4. The students should stand in a line behind the start cone.
5. When the teacher says the 'magic word', the student will skip, hop, march, jump, etc. to retrieve an item and bring it back to their team.
   a. To help keep order, have the next student wait until you say go for them to move.
6. Continue relay until all cards are collected.
7. In their team space, have students work together to sort or match up their cards.

or

Stations

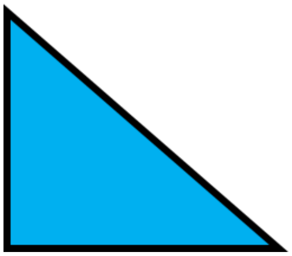
Directions
1. Set up 6 stations around the room with a pile of materials at each station.
2. Divide students in groups no bigger than 5.
3. Send each group to a station.
4. Have the students work as a team to sort, order, or match the cards.
5. Once they are finished, have them do an assigned movement to show they are done.
   a. The teacher or a student can pick the move.
6. Check the groups that are doing the assigned movement, if correct, have them mix up their cards and choose a new movement.
7. Continue until all groups have been checked.
8. Then have groups move to a new set of cards.
9. Repeat steps 4-8 until time is up or they have done each of the stations.

Cool Down

Choose a cool down option and have students repeat the 'I can' statement.

Modifications

Students may relay to get their teams cards. Then they can rotate through the stations.



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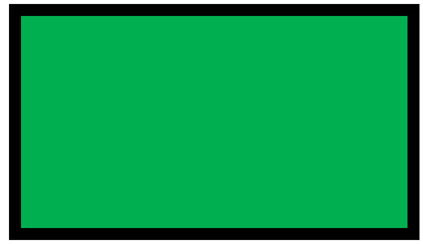

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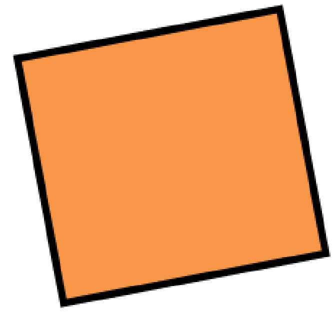

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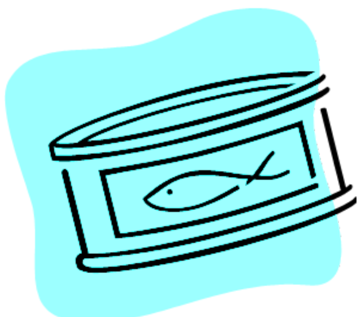

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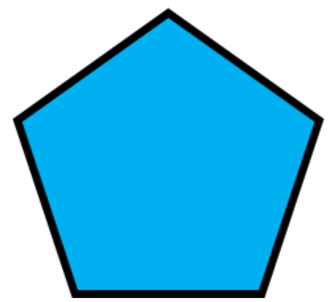

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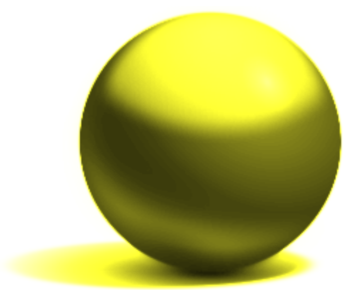

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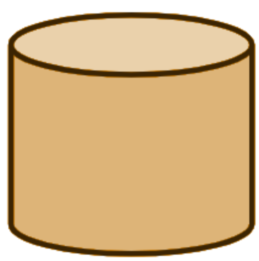

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cube

grfit4kids.org Fit4Kids ActiveClassroomsRVA

square

grfit4kids.org Fit4Kids ActiveClassroomsRVA

cone

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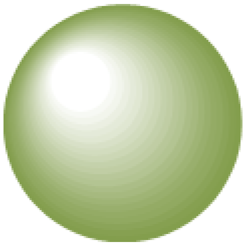

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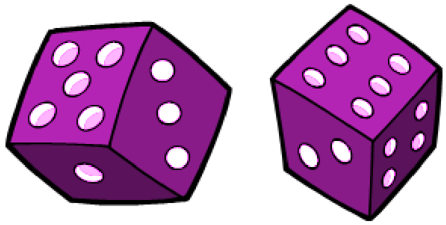

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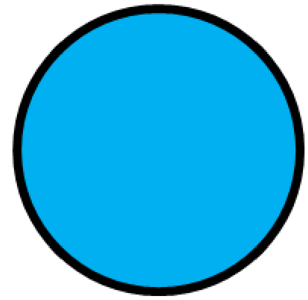

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2 faces

1 curved

surface

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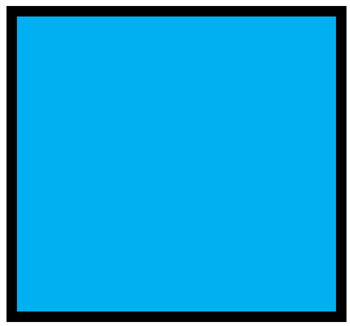

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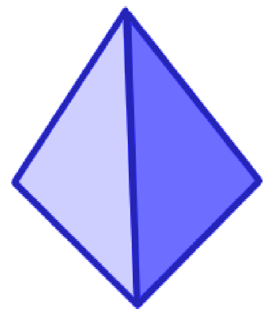

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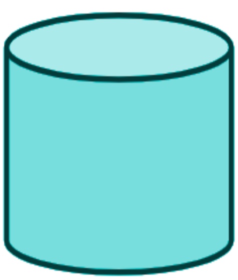

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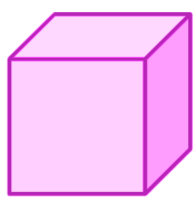

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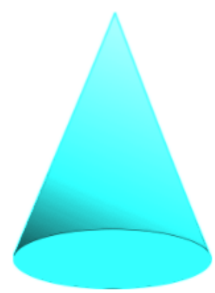

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octagon

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cube

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sphere

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has 3

sides

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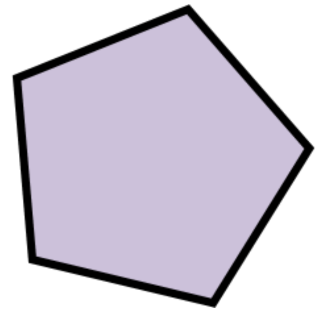

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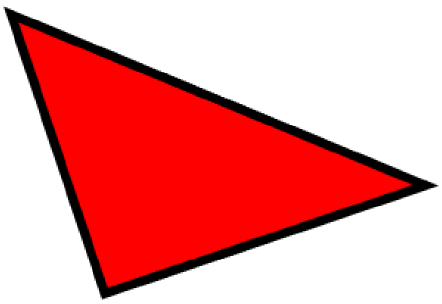

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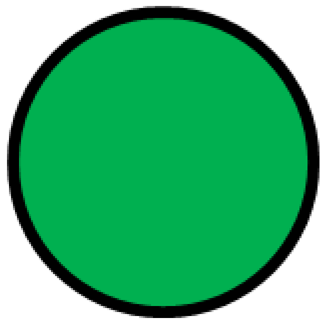

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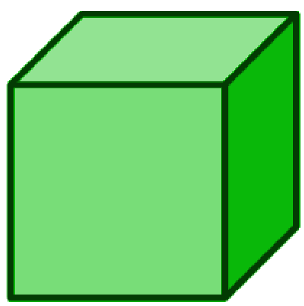

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grfit4kids.org Fit4Kids ActiveClassroomsRVA

triangle

grfit4kids.org Fit4Kids ActiveClassroomsRVA

cone

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cube

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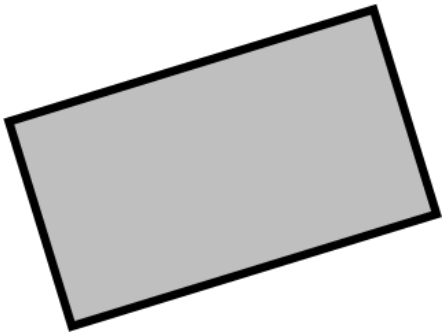

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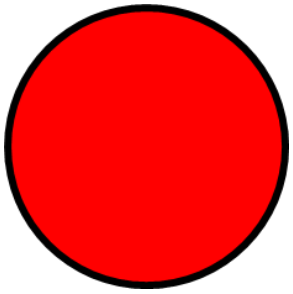

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hexagon

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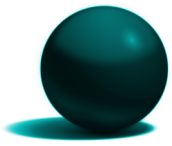

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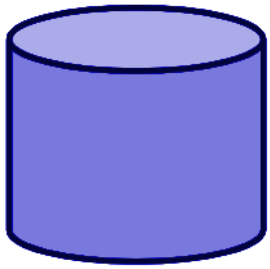

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square pyramid

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rectangle

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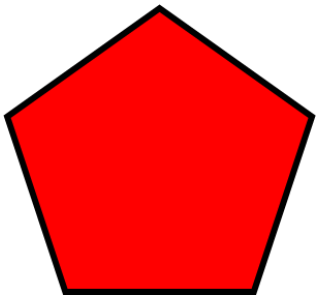
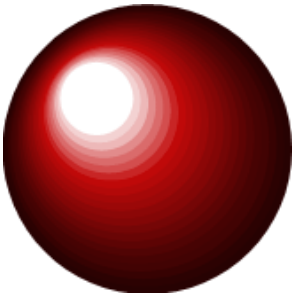
cylinder

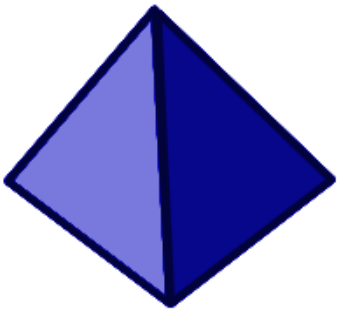
grfit4kids.org Fit4Kids ActiveClassroomsRVA

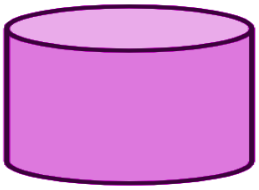
has 6 faces

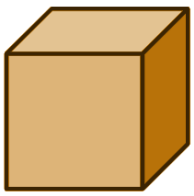




has 4 vertices







rectangular prism

circle

cone

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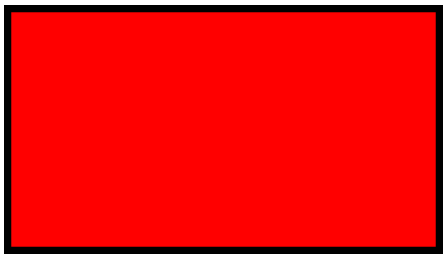

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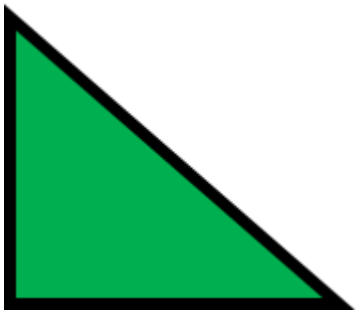

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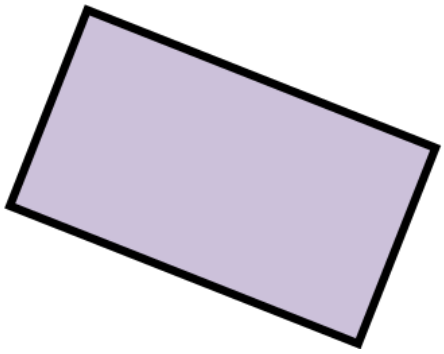
has 12

edges

grfit4kids.org Fit4Kids ActiveClassroomsRVA



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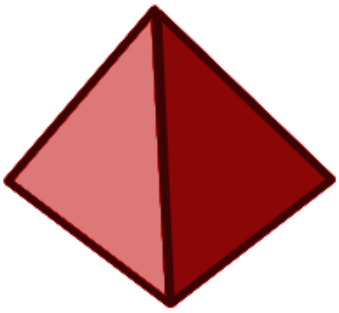

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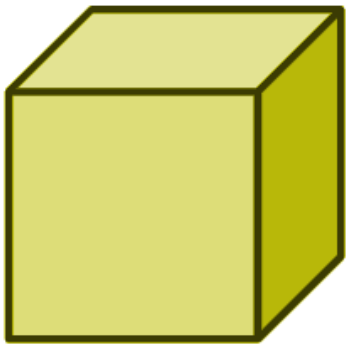

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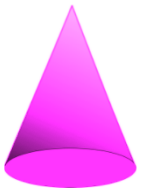

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cylinder

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triangle

grfit4kids.org Fit4Kids ActiveClassroomsRVA

cube

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2D Shapes

(Flat Shapes)

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2D Shapes

(Flat Shapes)

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2D Shapes

(Flat Shapes)

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3D Shapes

(Solid Shapes)

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3D Shapes

(Solid Shapes)

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3D Shapes

(Solid Shapes)

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