

Mathematics

Naming and describing 3-D shapes

Miss Mitchell



OAK
NATIONAL
ACADEMY

Lesson agenda

3-D shapes



Talk task



Independent task

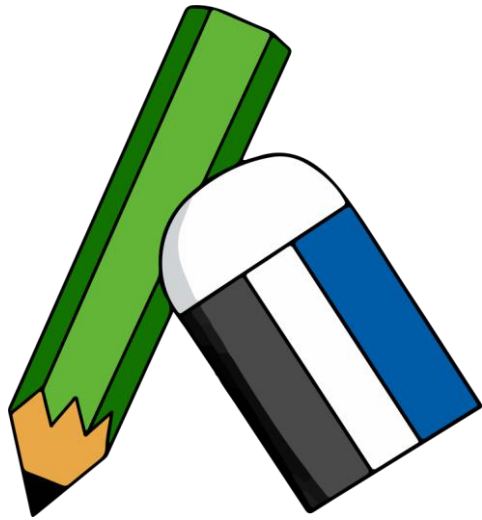


Quiz



You will need...

Pencil

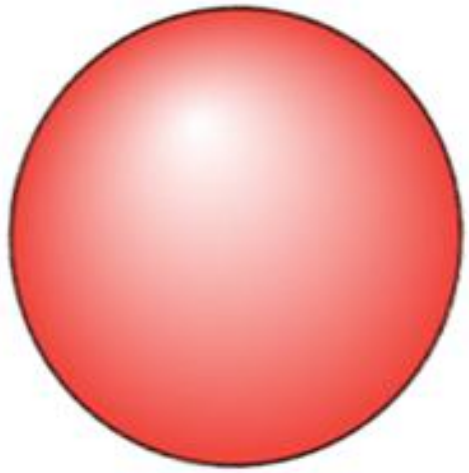


Paper

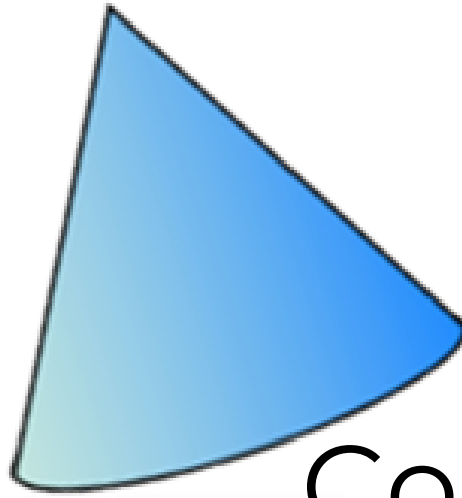


**Items in your home.
Please ask a parent
or carer before
touching any items.**

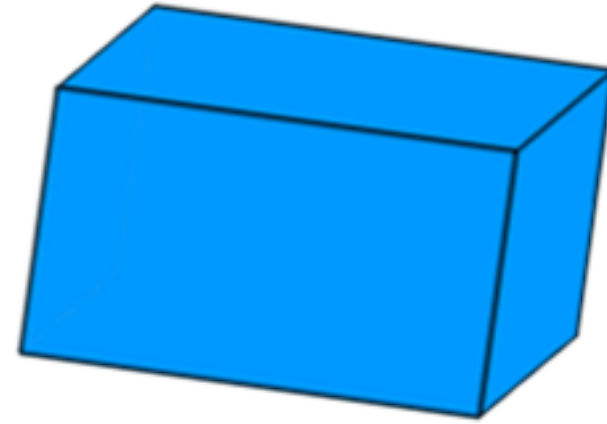




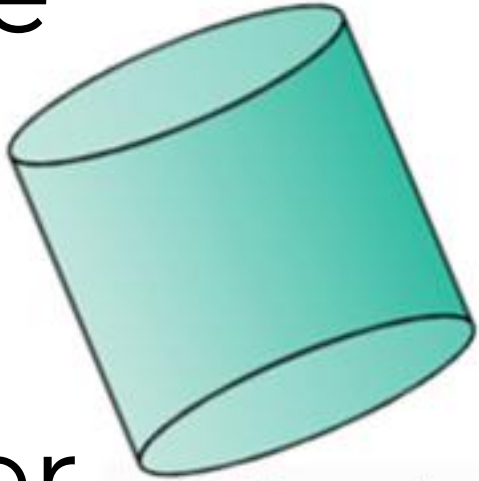
Sphere



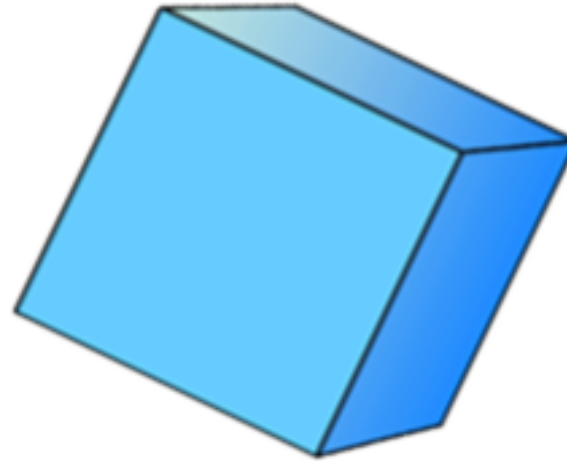
Cone



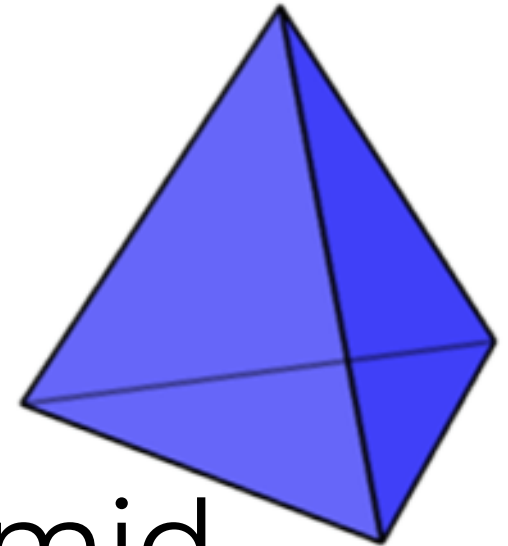
Cuboid



Cylinder



Cube



Pyramid



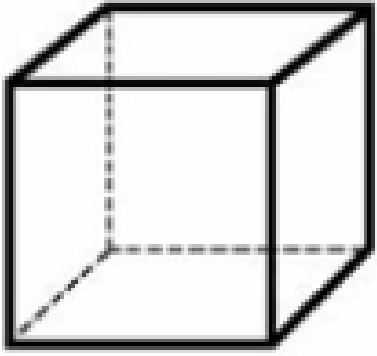
Talk task

Find 5 or more 3-D objects in your home.

The _____ (*name of object/thing*) is an example of a
_____ (*name of 3-D shape*).

- cube
- cuboid
- pyramid
- cone
- cylinder
- sphere

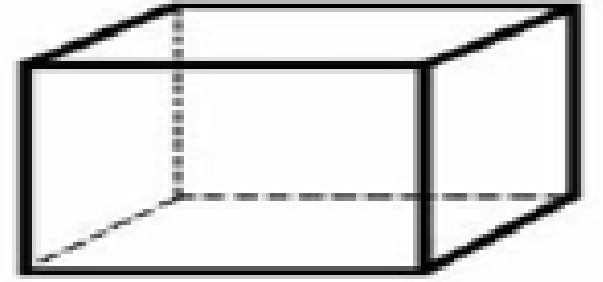




Cube

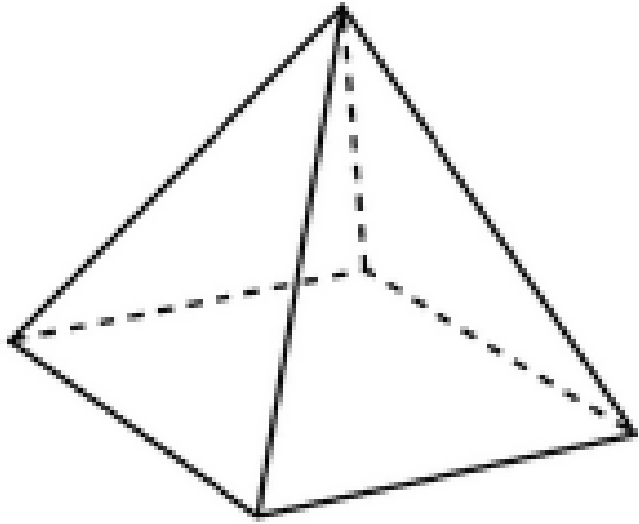


Sphere



Cuboid

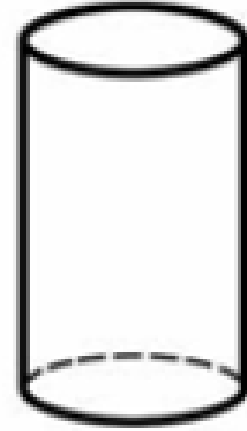




Square based
pyramid



Cone



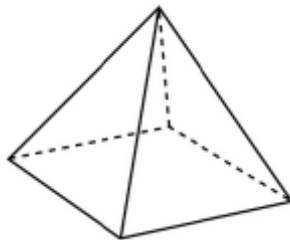
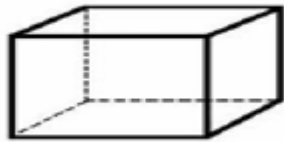
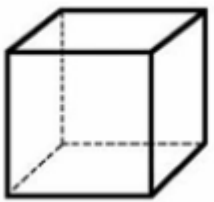
Cylinder



Independent task

Choose the shapes from below to match the descriptions.

1. I have one curved surface I have 0 edges. I have 0 vertices. What shape am I?
2. I have 6 faces. All of my faces are 4-sided. I have 8 vertices. What shape am I?
3. How many vertices does a square based pyramid have?
4. I have 3 faces, 0 vertices and 2 edges. What shape am I?
5. Which shape has the most edges?



Pause to complete your task



Carry on once you're finished



Answers

1. Sphere
2. Cube or cuboid
3. 5 vertices
4. Cylinder
5. Cube or cuboid

