

Mathematics

To describe and classify 3-D shapes

Miss Charlton



OAK
NATIONAL
ACADEMY

Lesson agenda

Describe 3-D shapes



Classify 3-D shapes into 2 groups



Independent Task



End of Lesson Quiz



You will need...

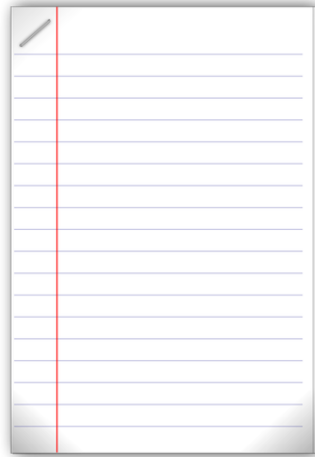
Item 1

pencil



Item 2

paper

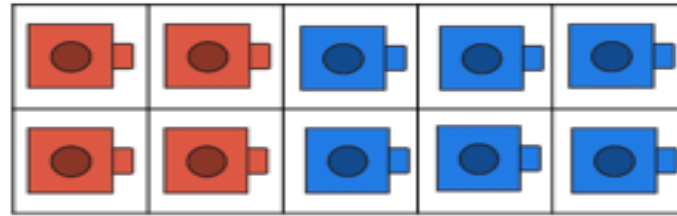


Item 3
(if drawing your
own shapes)

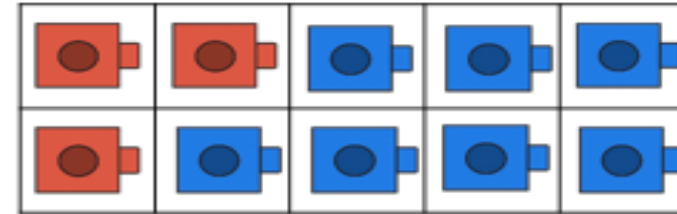
Scissors &
ruler



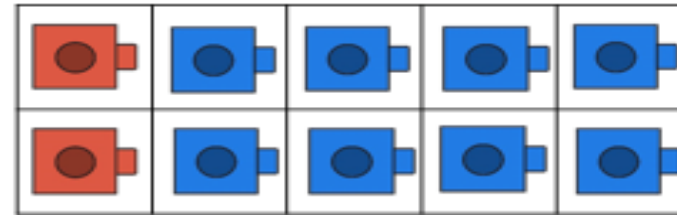
Brain Teaser



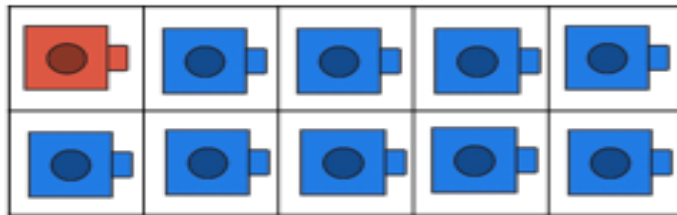
10	
	6



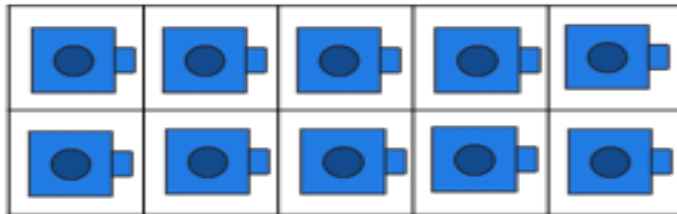
10	
3	



10	
	8



10	
	9



10	
0	

Source: Mathematics Mastery



Star words



face



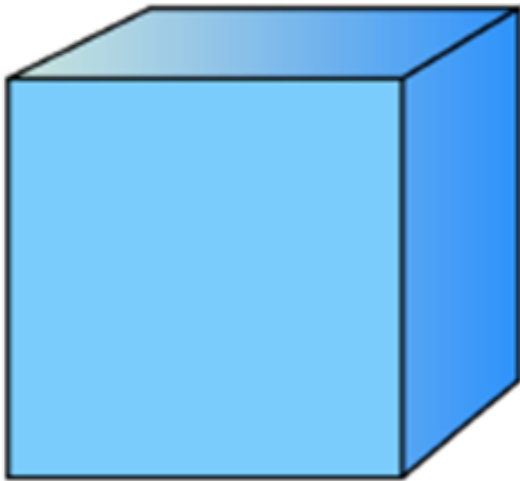
edge

vertices



Let's explore

cube



What do we know?

The cube is a type of cuboid.

It has six **faces**.

Its faces are square.

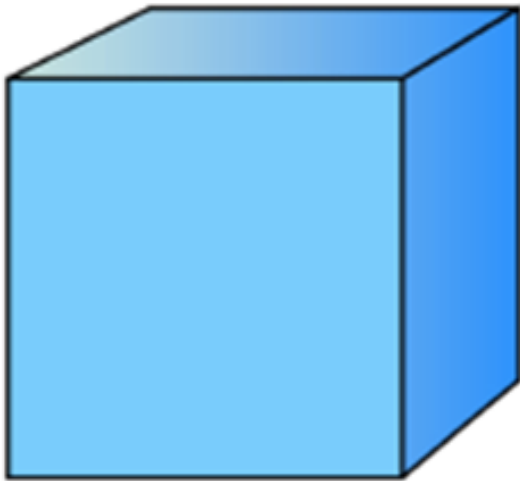
It has eight **vertices**.

What are we missing?



Let's explore

cube

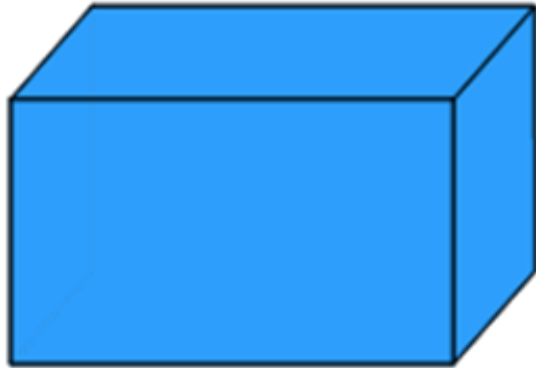


Ah! The edges!
Hmmm, what is
an **edge**?



Your turn!

cuboid



The cuboid has faces.

Its faces are

and shapes.

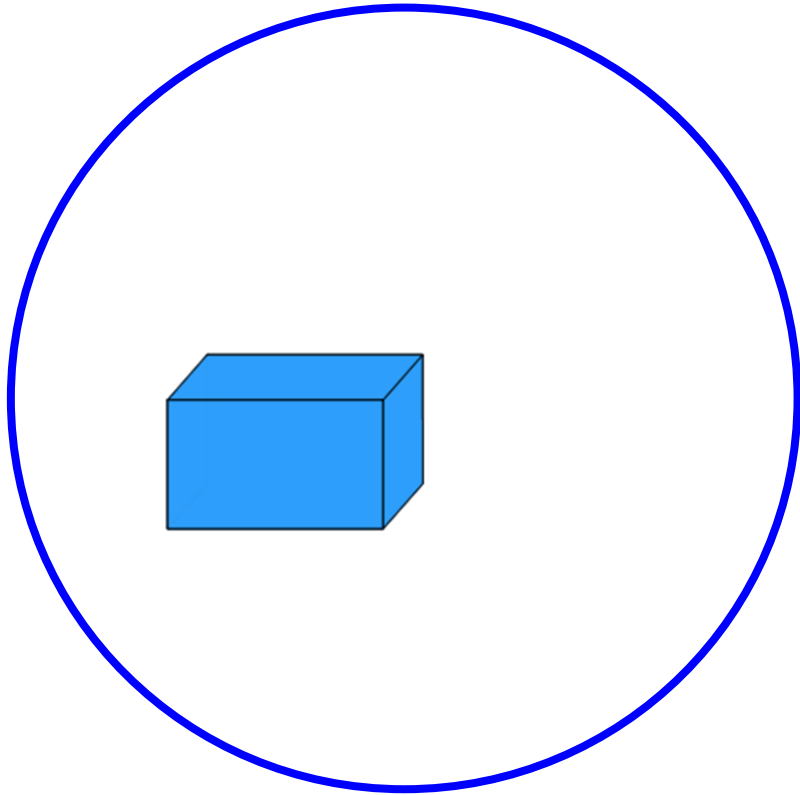
It has vertices.

It has edges.

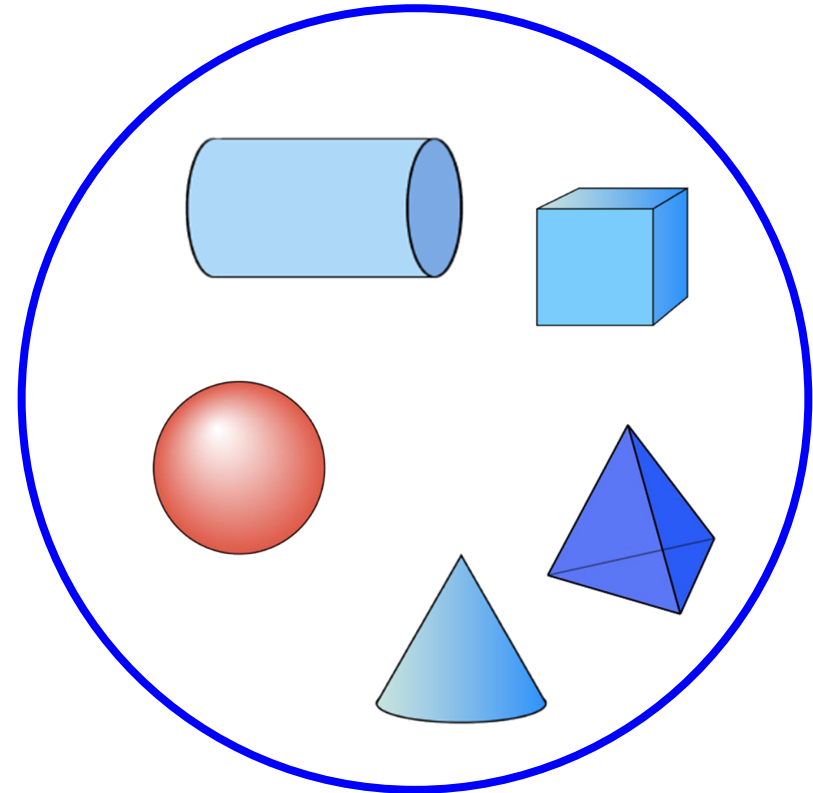


Let's get classifying!

is a cuboid

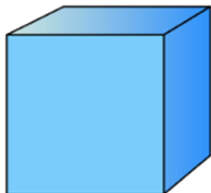
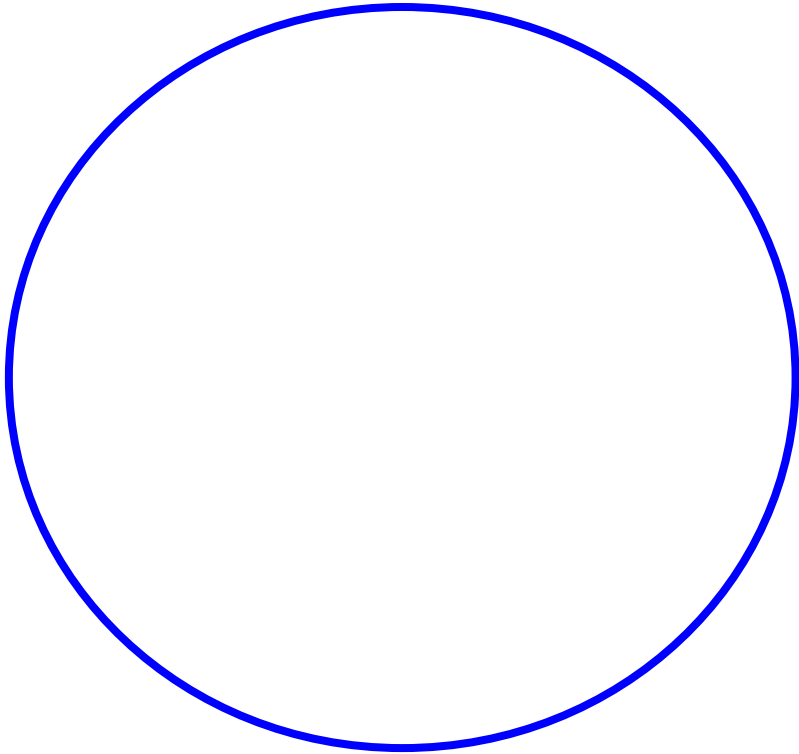


is not a cuboid

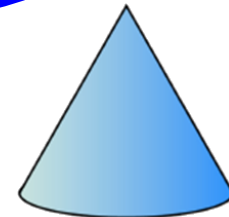
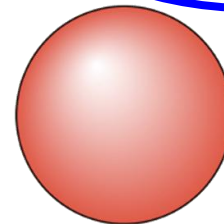
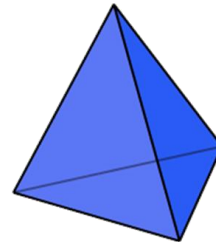
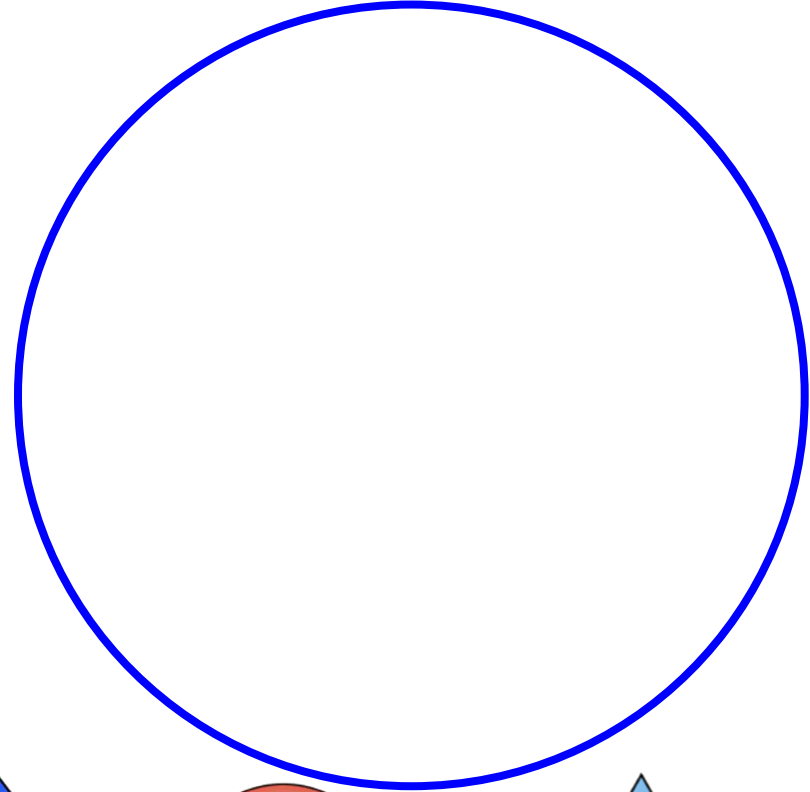


Independent task

has a curved surface



has no curved surface



Pause to complete your task

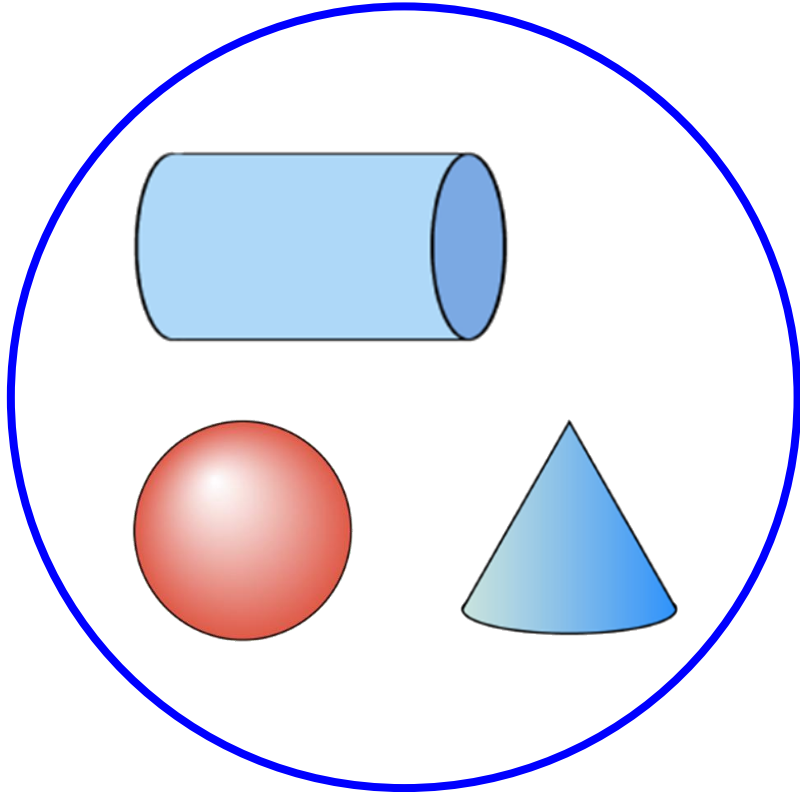


Carry on once you're finished



Answers

has a curved surface



has no curved surface

