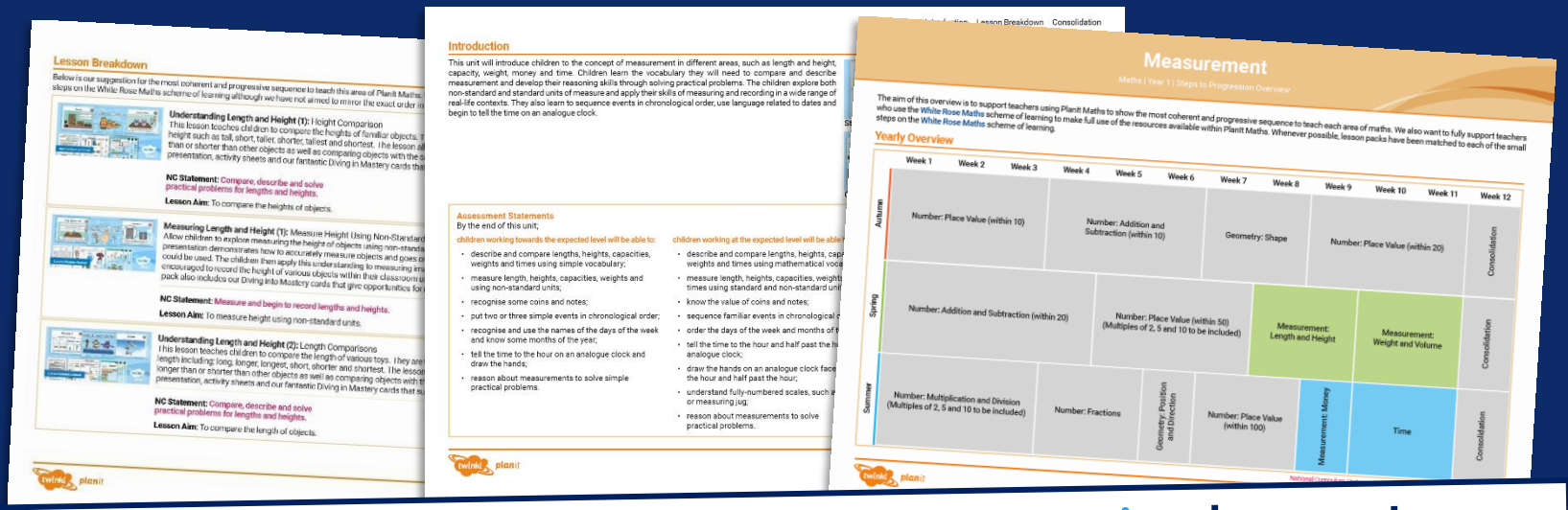
Maths

Properties of Shapes

Need a coherently planned sequence of lessons to complement this resource?

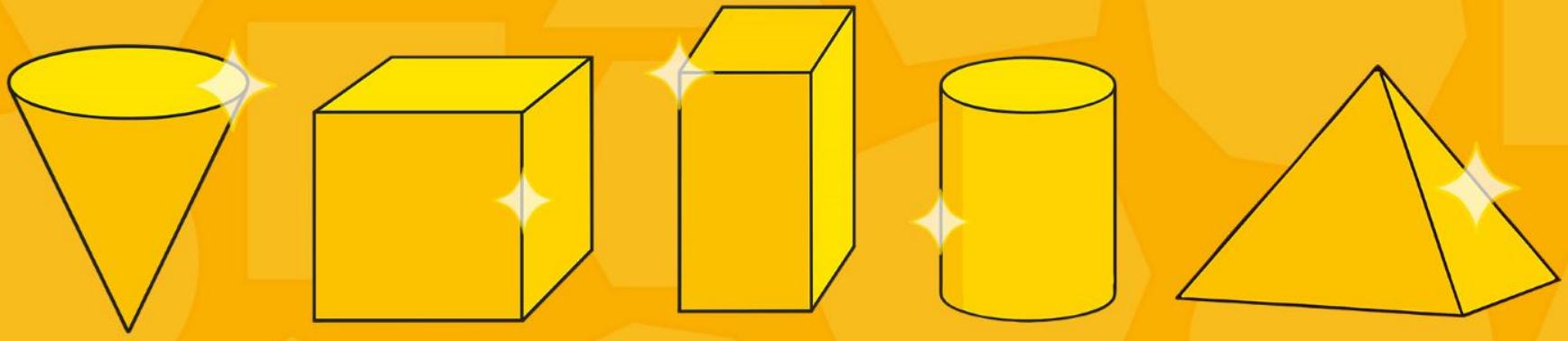


See our Properties of Shapes Steps to Progression document.

Twinkl PlanIt is our award-winning scheme of work with over 4000 resources.

twinkl planit

Recognise 3D Shapes



Aim

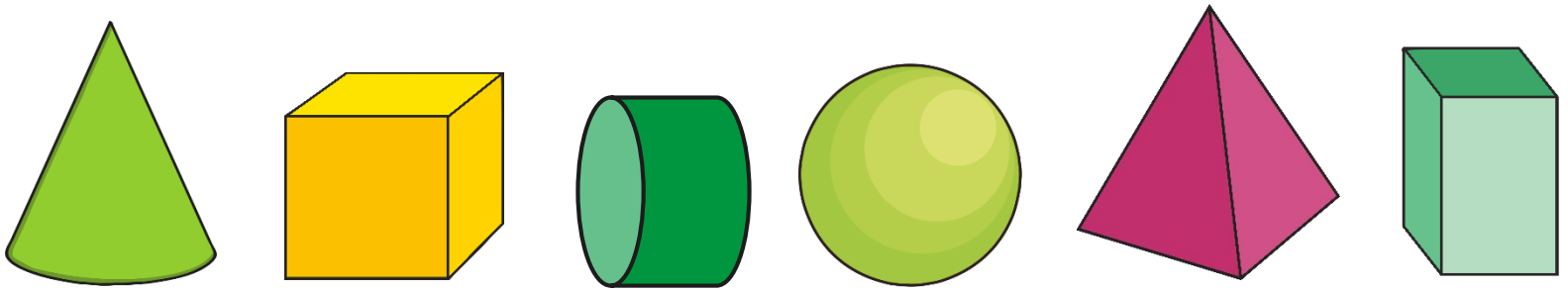
- To recognise 3D shapes.

Success Criteria

- I can recognise 3D shapes shown in different sizes.
- I can recognise 3D shapes shown in different orientations.
- I can recognise 3D shapes found in everyday objects.

Remember It

Match the 3D shapes with their names.



cube

cylinder

cone

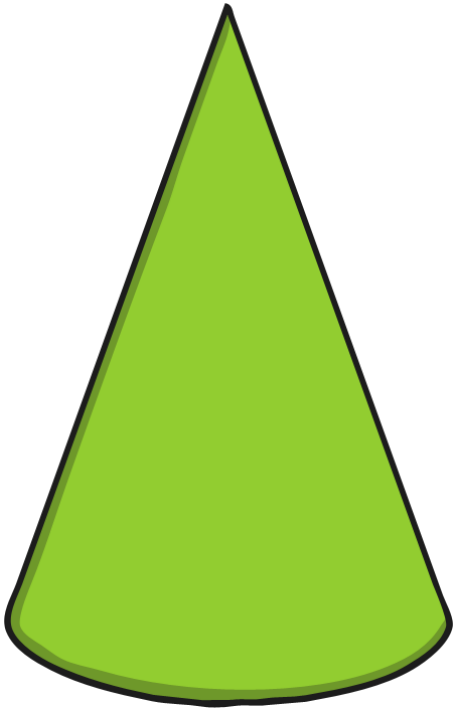
pyramid

cuboid

sphere

Remember It

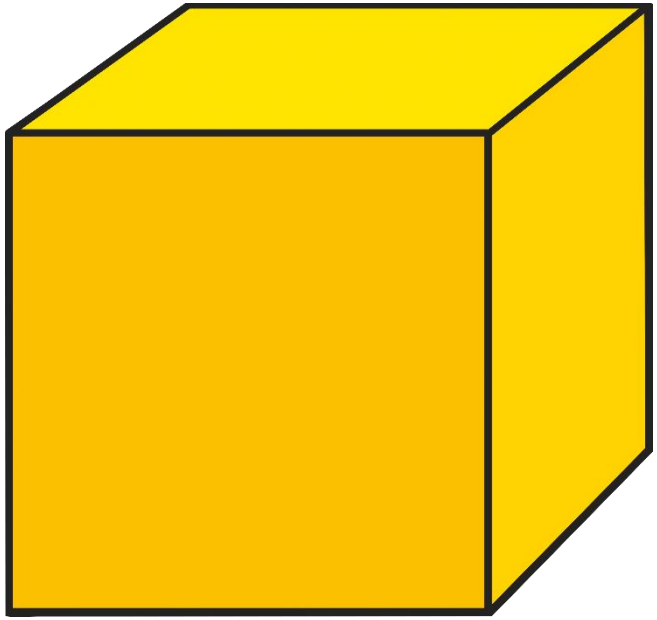
Name the 3D shape as it appears.



cone

Remember It

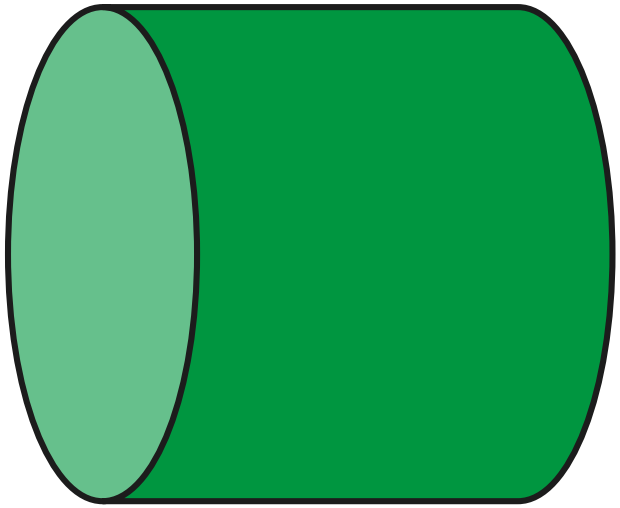
Name the 3D shape as it appears.



cube

Remember It

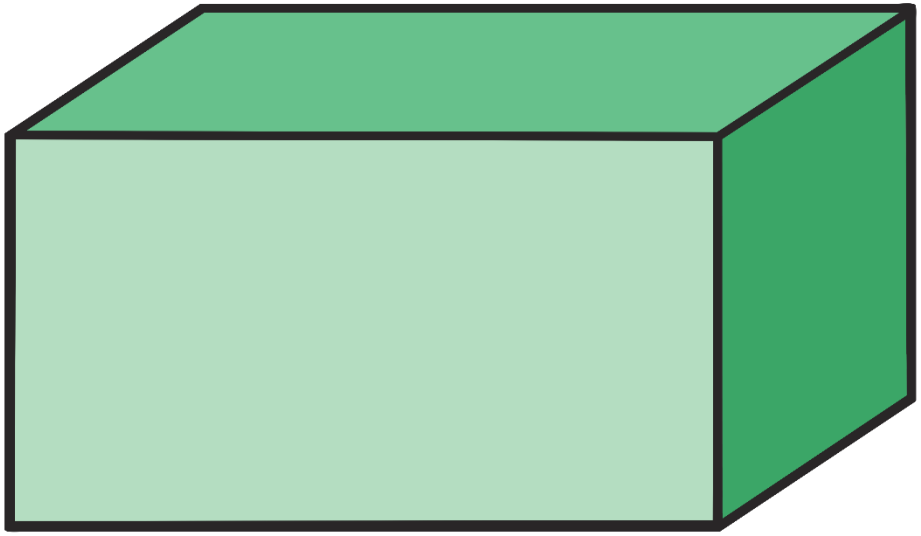
Name the 3D shape as it appears.



cylinder

Remember It

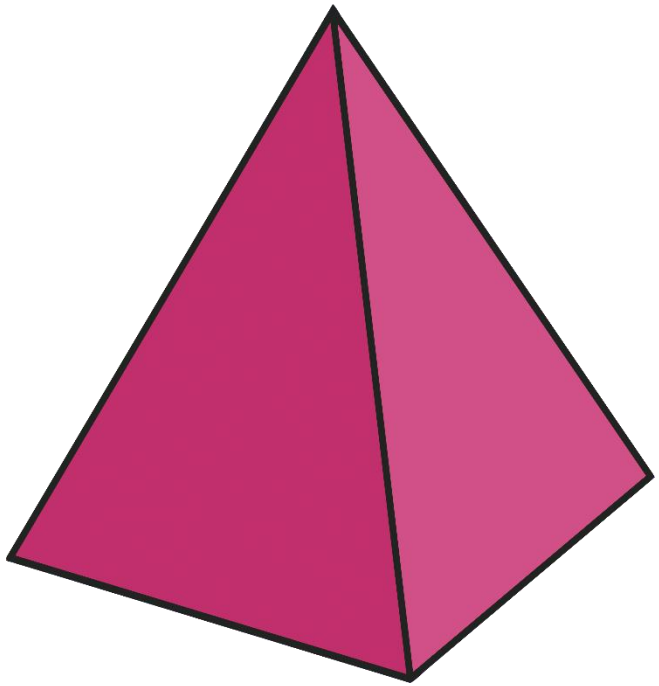
Name the 3D shape as it appears.



cuboid

Remember It

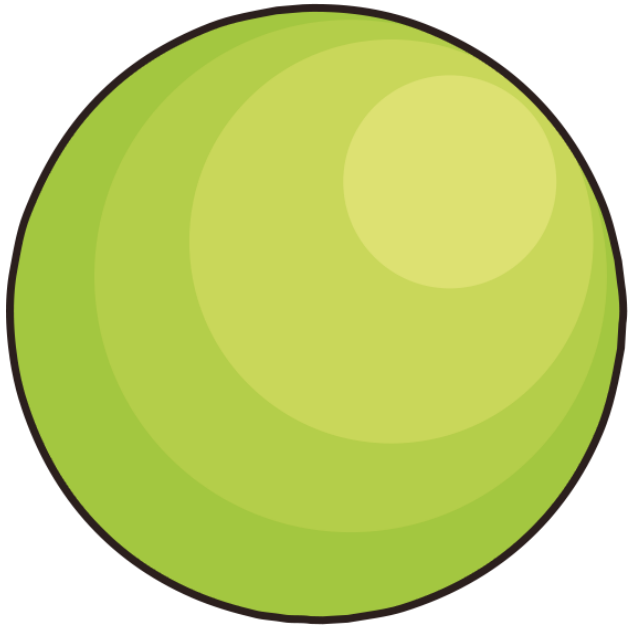
Name the 3D shape as it appears.



pyramid

Remember It

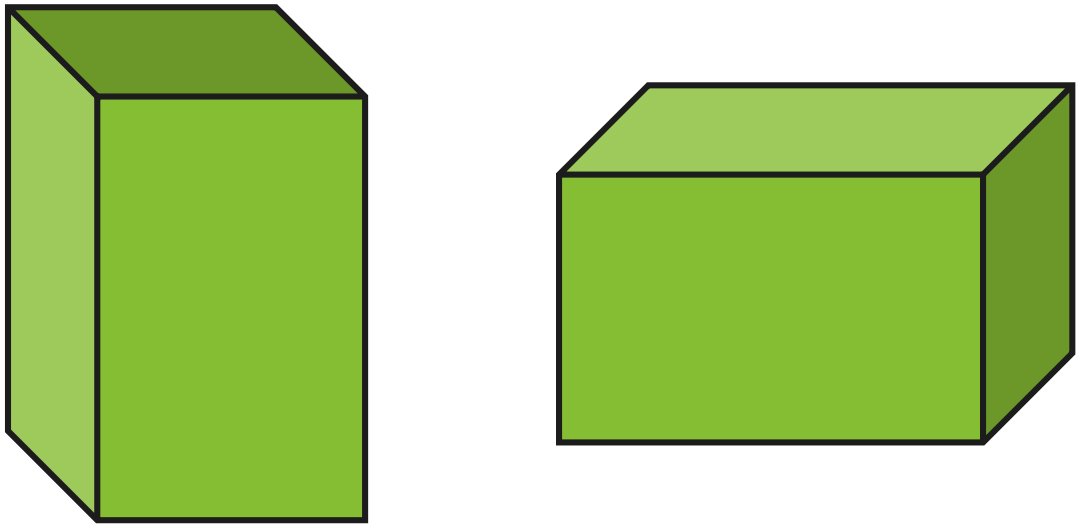
Name the 3D shape as it appears.



sphere

True or false?

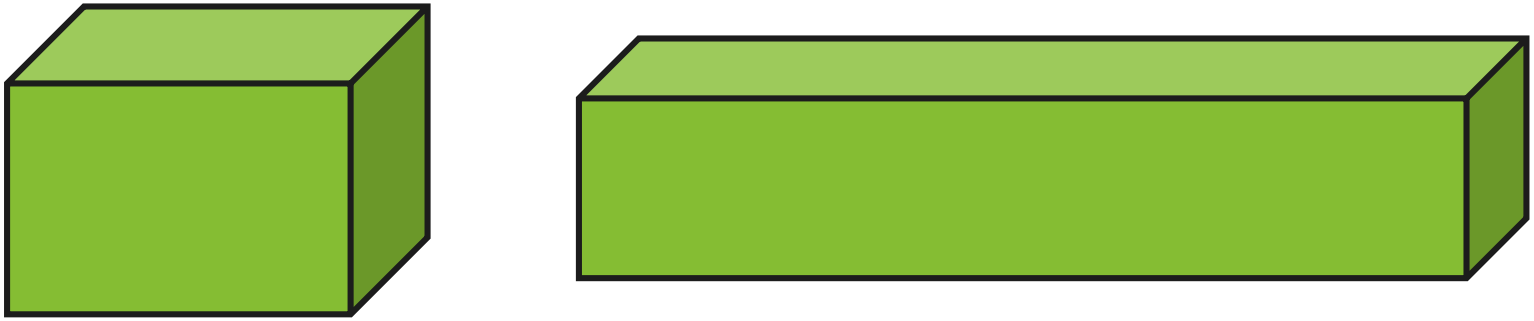
These are the same shape.



The How else can we turn them? on.

True or false?

These are both **cuboids**.



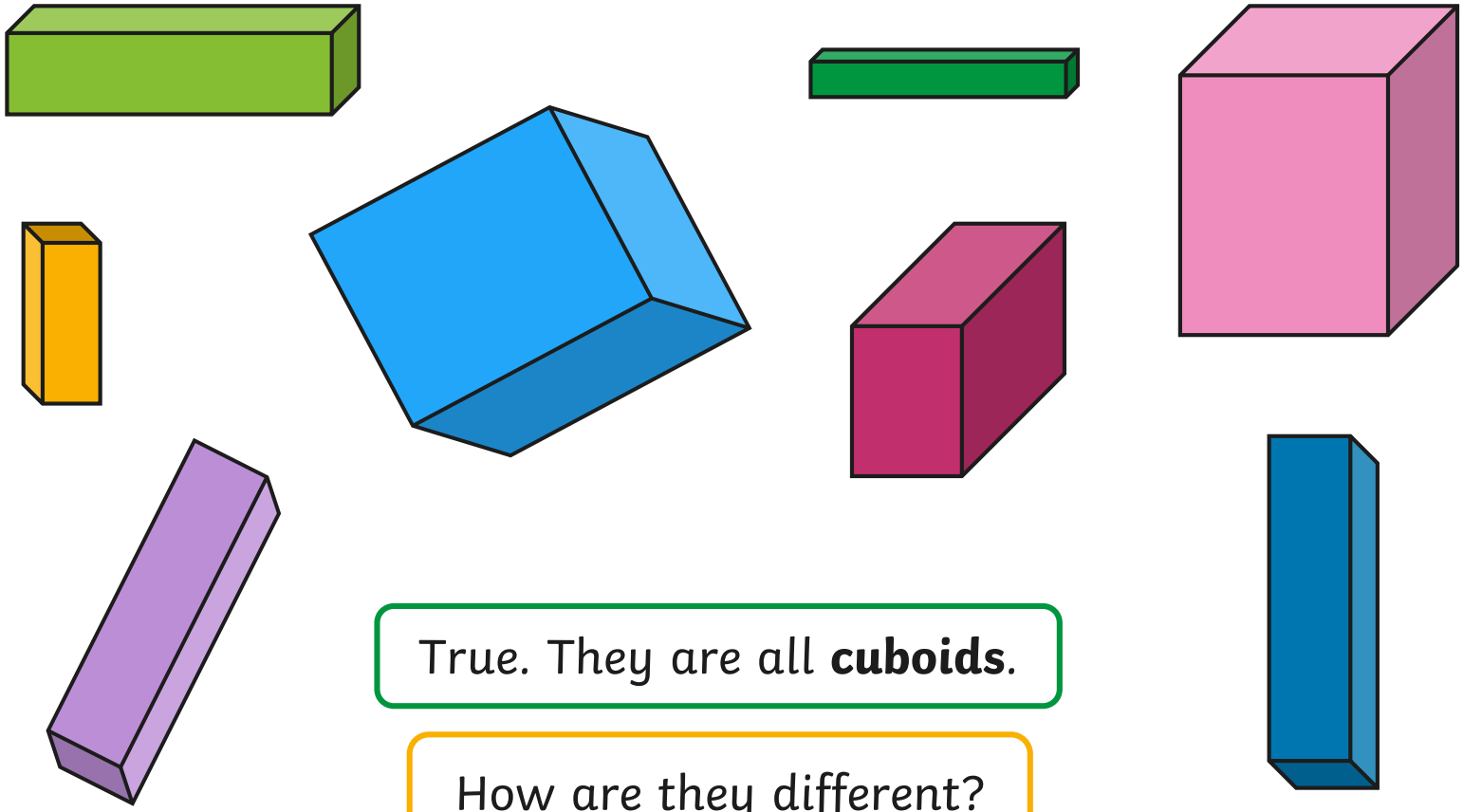
True. They are both **cuboids**.

How are they different?

They are just different sizes.

True or false?

These shapes are all **cuboids**.

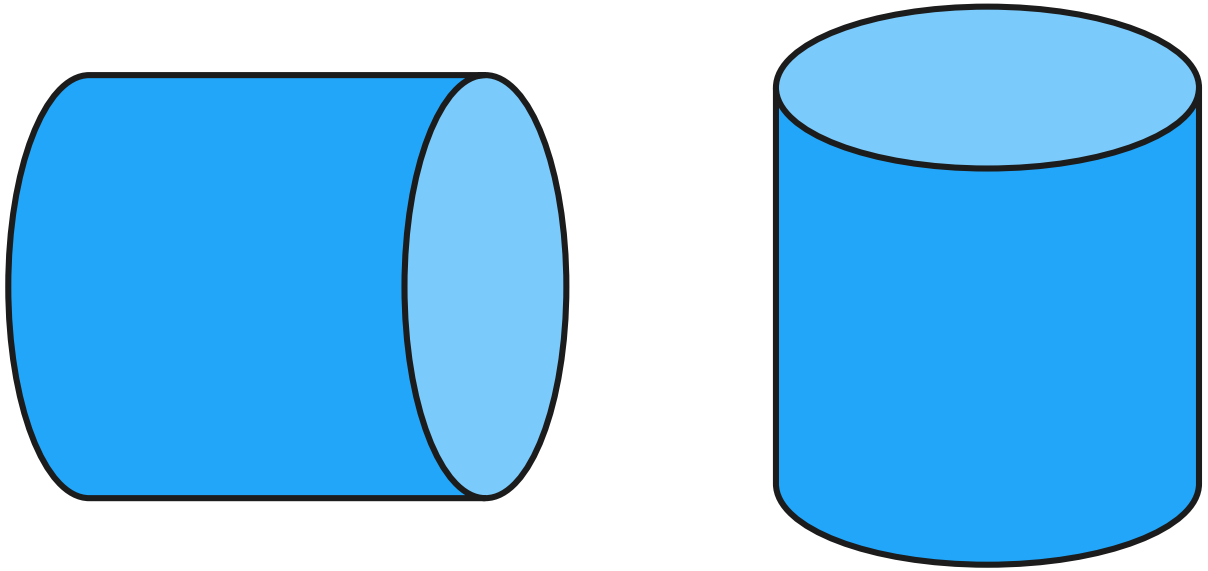


True. They are all **cuboids**.

How are they different?

True or false?

These are the same shape.

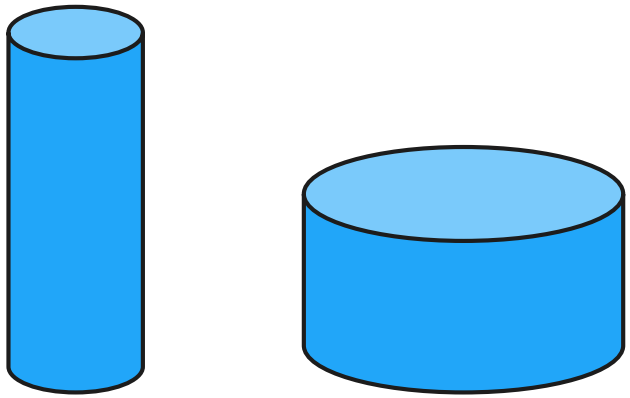


How else can we turn them?

The on.

True or false?

These shapes are both **cylinders**.



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How are they different?

They are just different sizes.

True or false?

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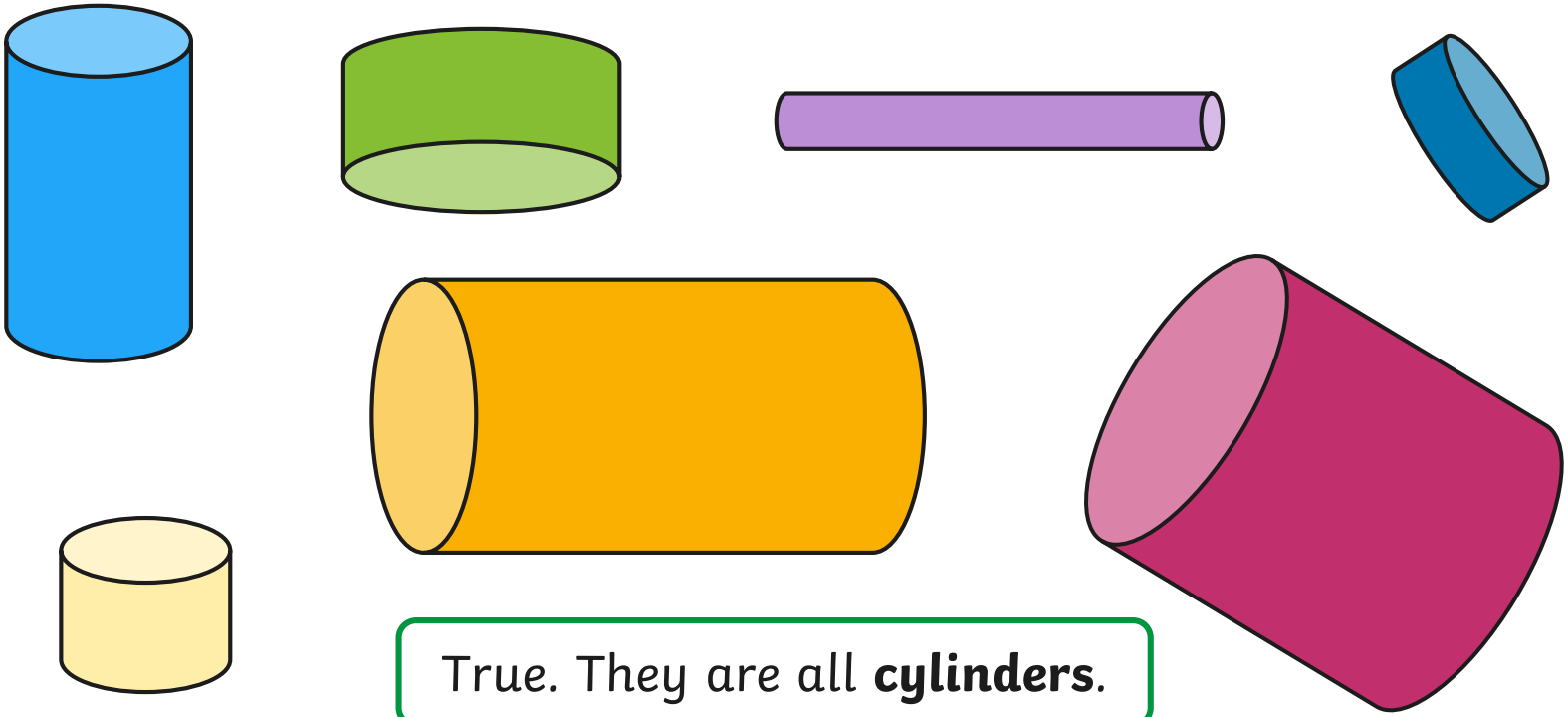
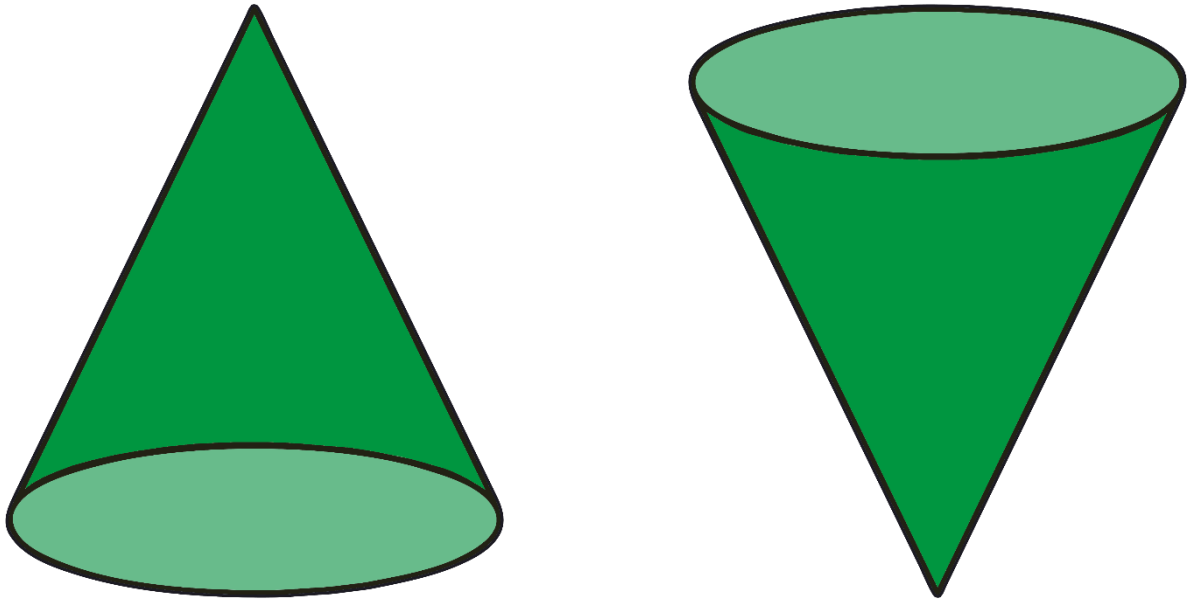


True. They are all **cylinders**.

How are they different?

True or false?

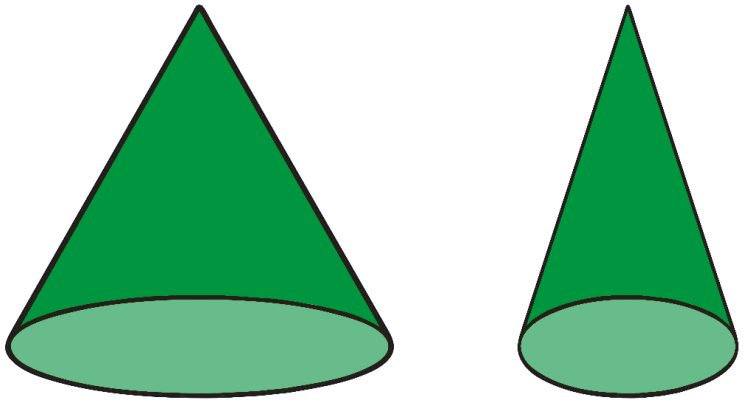
These are the same shape.



The How else can we turn them? on.

True or false?

These shapes are both **cones**.



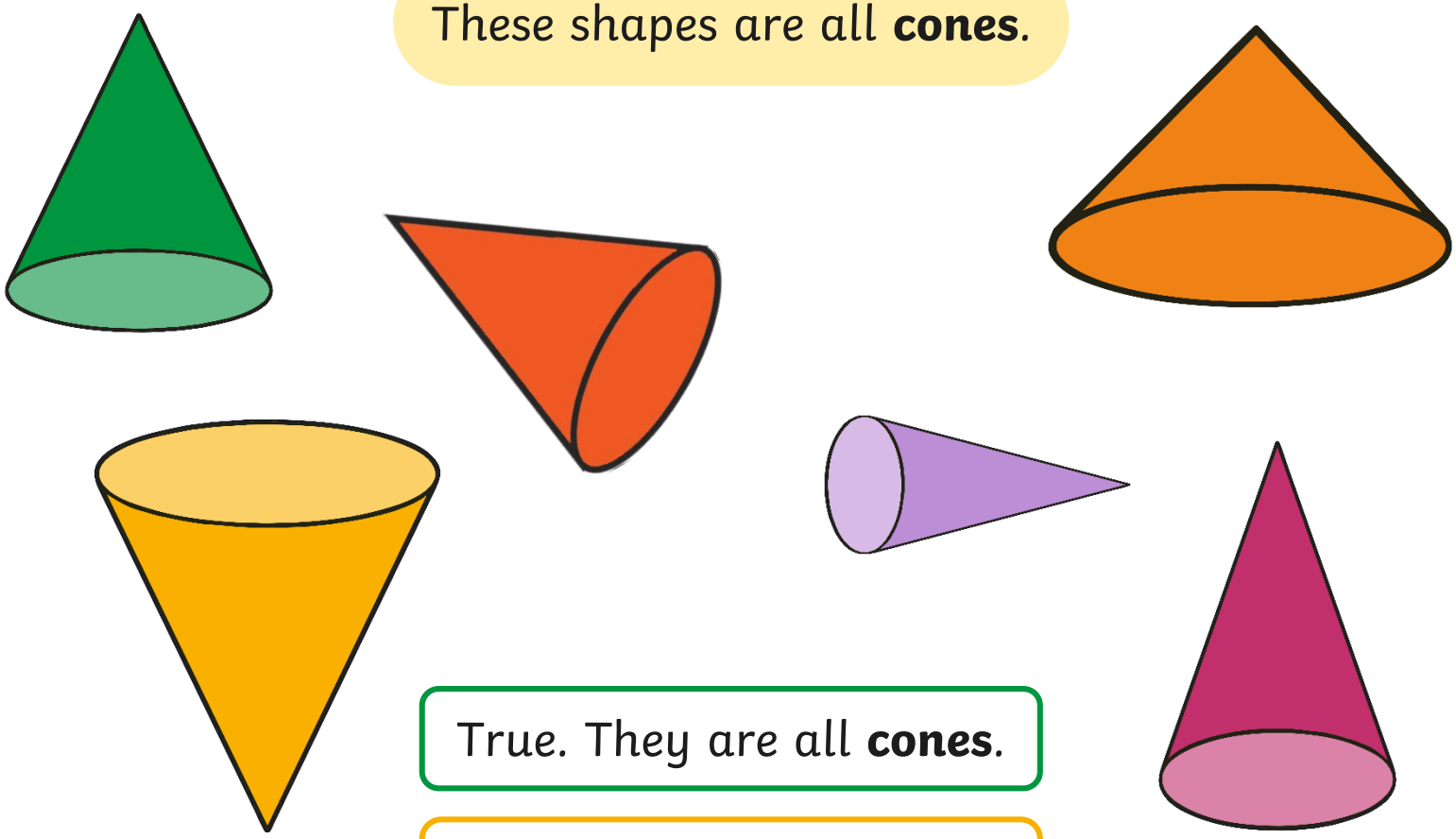
True. They are both **cones**.

How are they different?

They are just different sizes.

True or false?

These shapes are all **cones**.

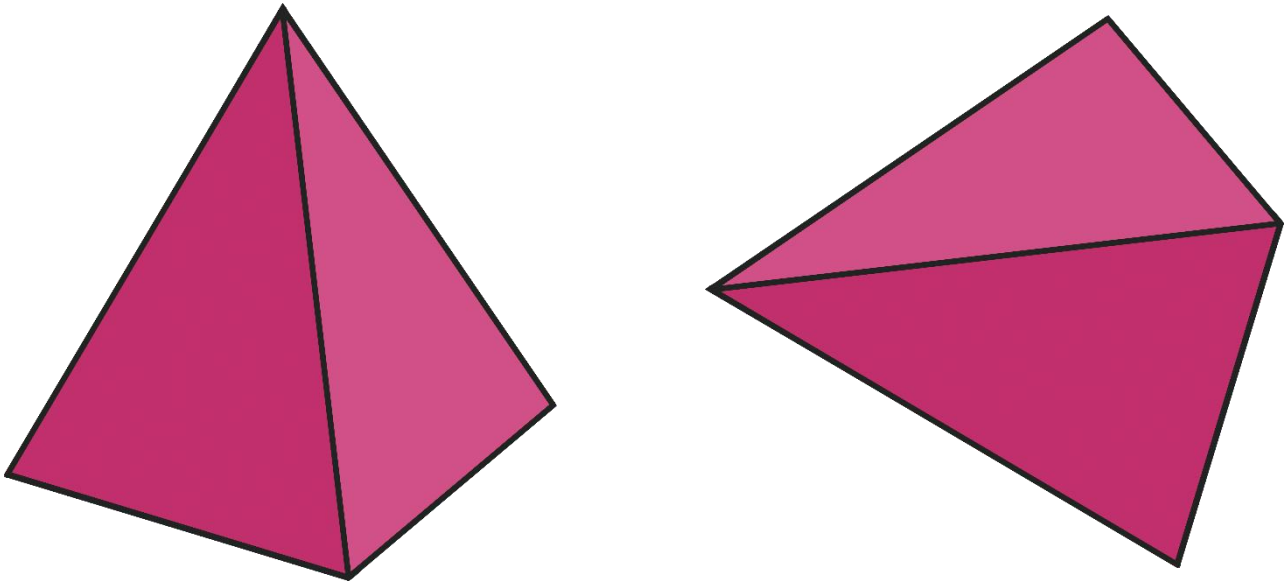


True. They are all **cones**.

How are they different?

True or false?

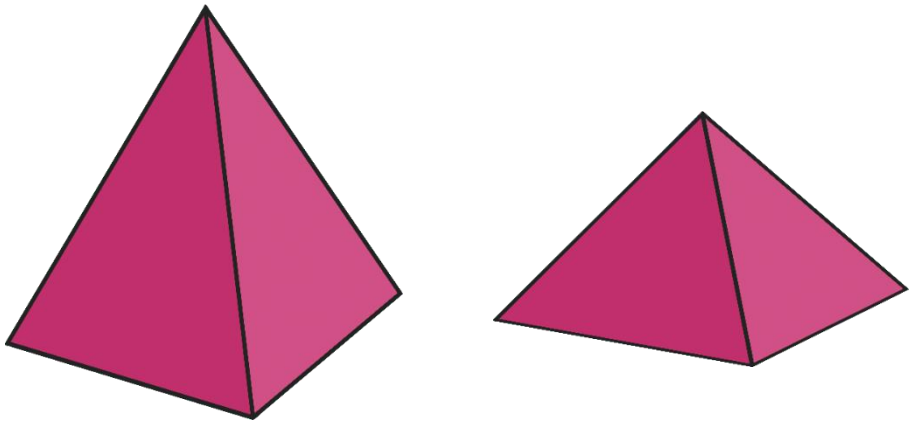
These are the same shape.



The How else can we turn them? on.

True or false?

These shapes are both **pyramids**.



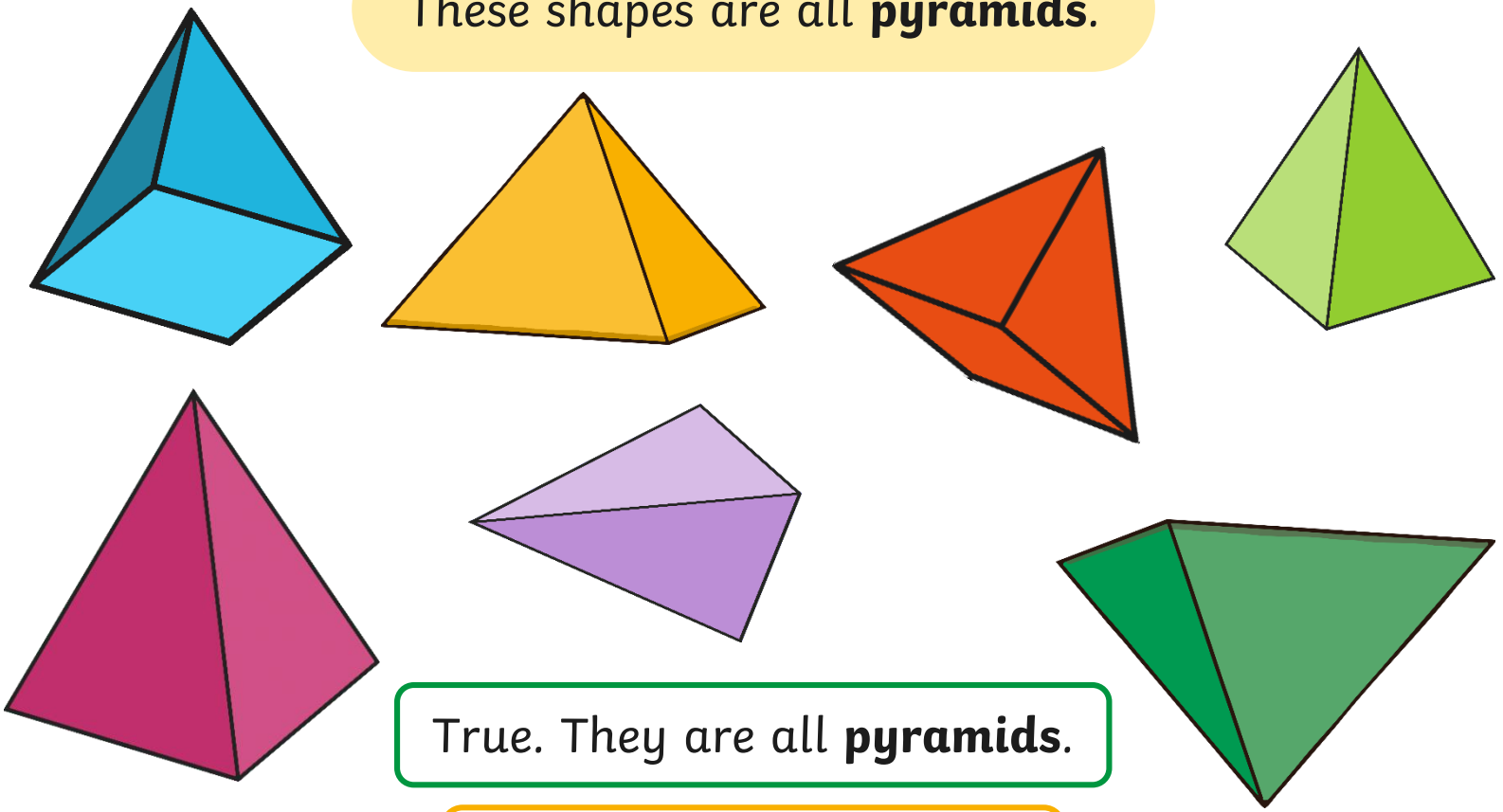
True. They are both **pyramids**.

How are they different?

They are just different sizes.

True or false?

These shapes are all **pyramids**.



True. They are all **pyramids**.

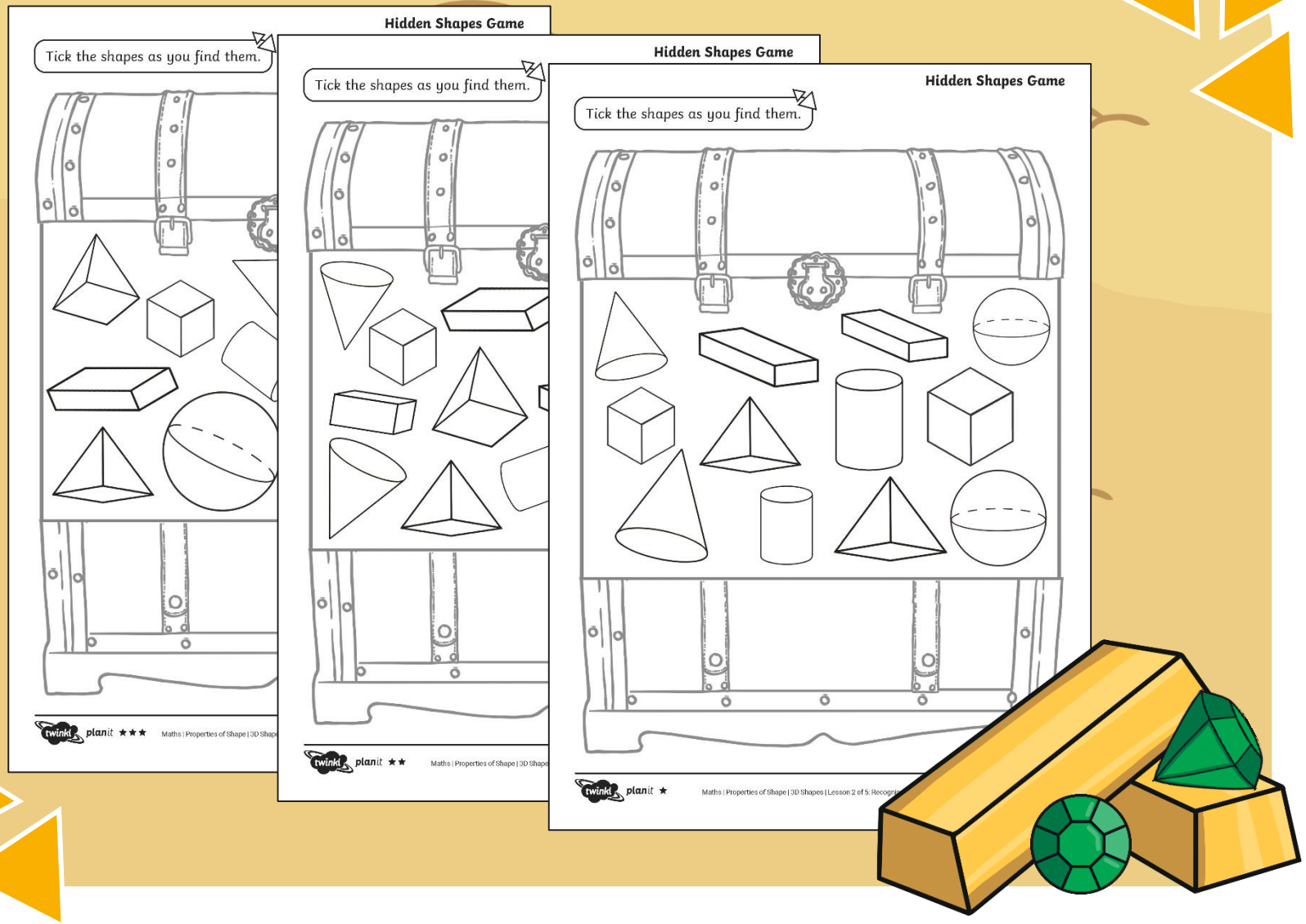
How are they different?

Captain Cuboid

Captain Cuboid's favourite treasure is cuboids.
Only cuboids are allowed to go into her treasure chest.

Click on the cuboids that are allowed
in Captain Cuboid's treasure chest.

Hidden Shapes Game

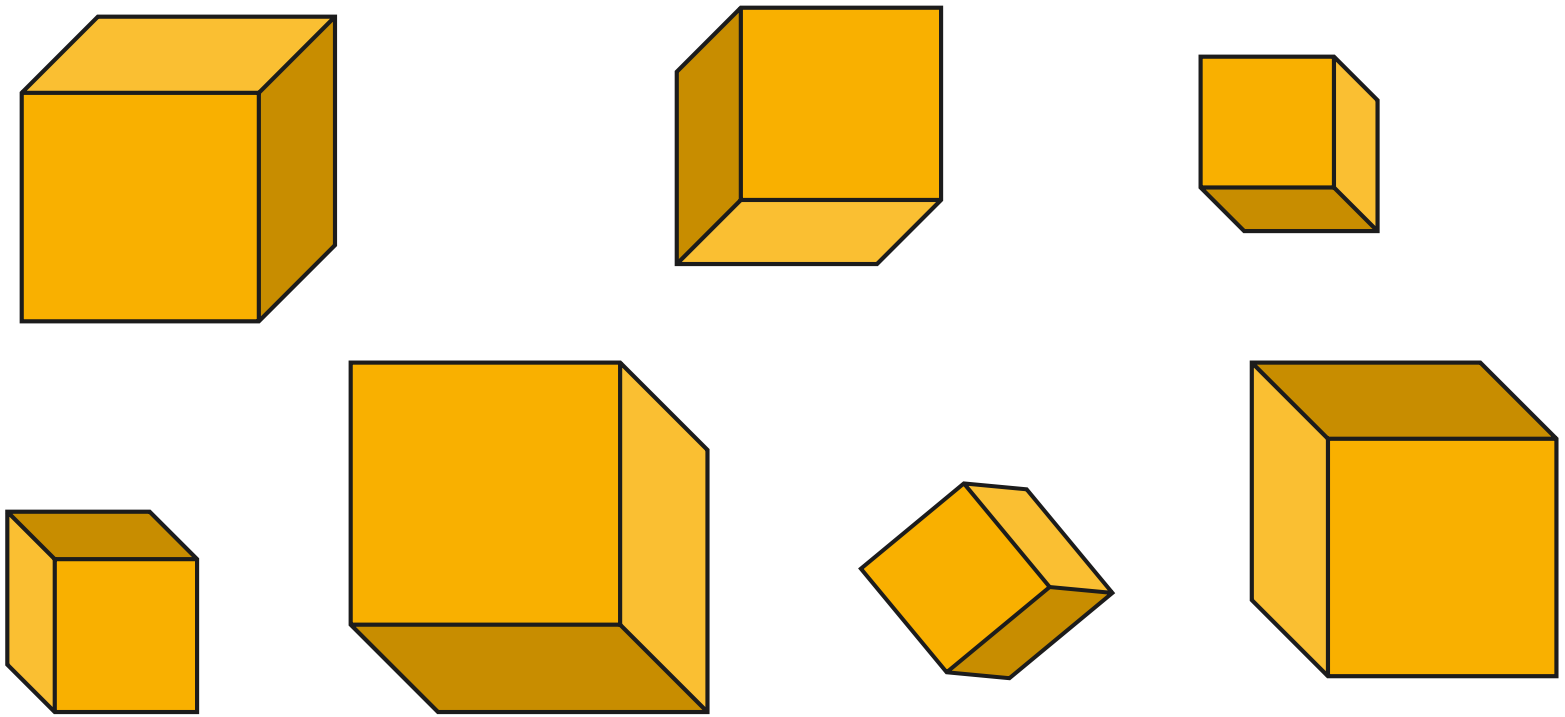


Diving into Mastery

Dive in by completing your own activity!

Cubes

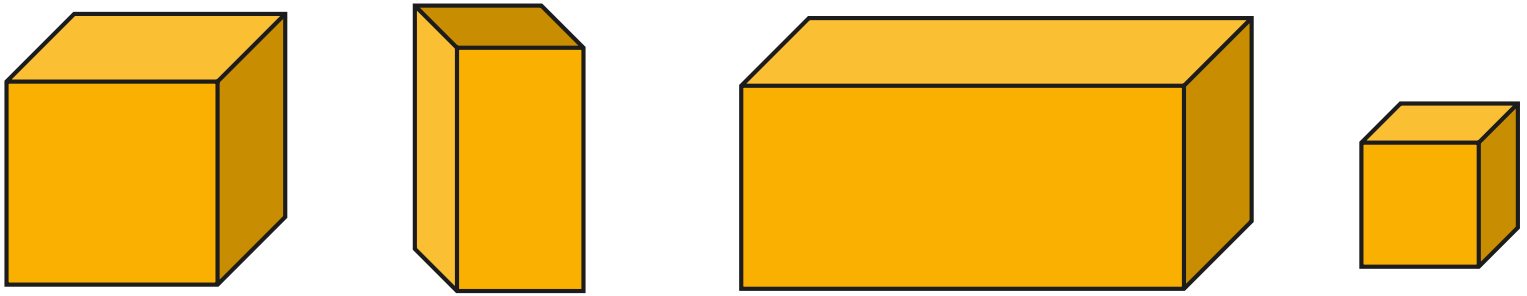
Are all these shapes cubes? How do you know?



True. They are all **cubes**.
They have different orientations and sizes.

Cubes

Are all these shapes **cubes**? How do you know?



cubes **cuboids**

2 of the shapes are **cubes**.

What are the other 2 shapes called?

Cubes are special cuboids. All of the faces of a cube are squares. The other shapes are **cuboids**.

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