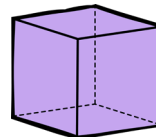
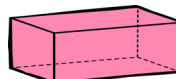
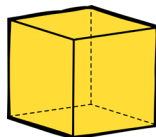
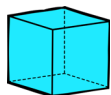
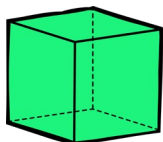


Sort 3D Shapes

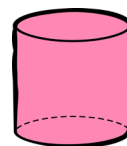
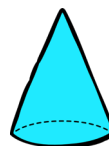
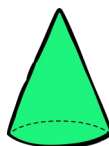
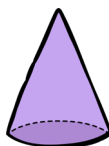


1 Circle the odd one out in each group.

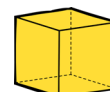
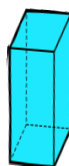
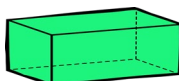
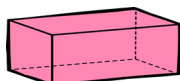
a



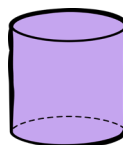
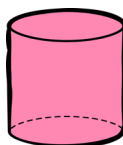
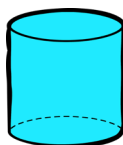
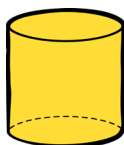
b



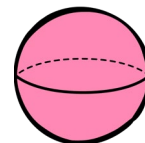
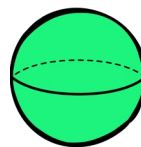
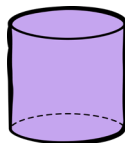
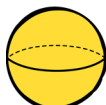
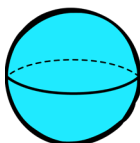
c



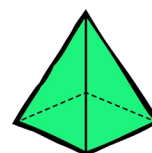
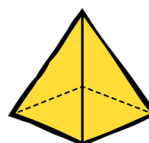
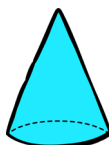
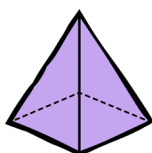
d



e



f

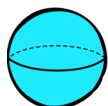
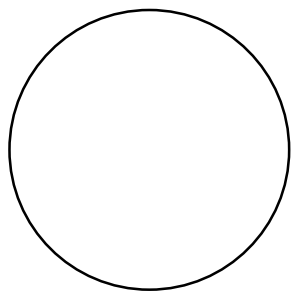


Sort 3D Shapes

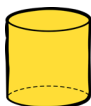


1 Place the shapes into the correct groups.

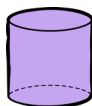
Cylinders



A

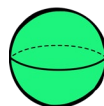
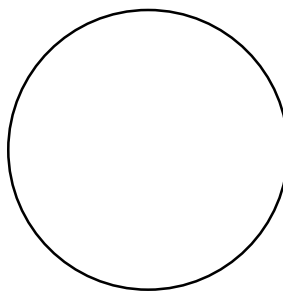


B

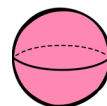


C

Spheres

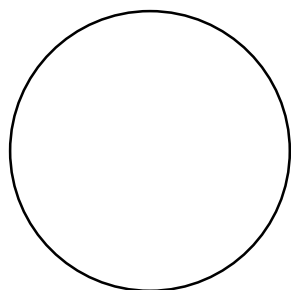


D



E

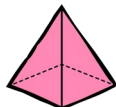
Cones



A

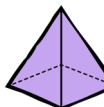
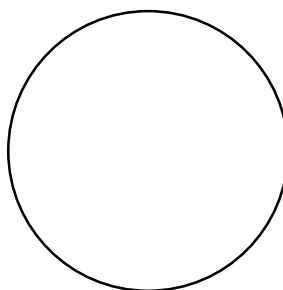


B

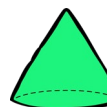


C

Pyramids

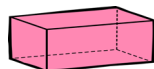
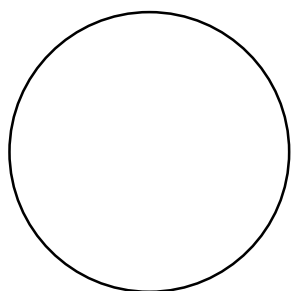


D

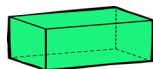


E

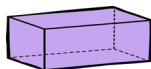
Cubes



A

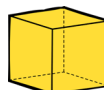
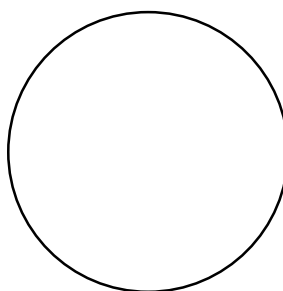


B

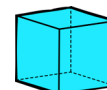


C

Cuboids



D



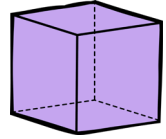
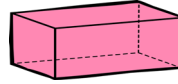
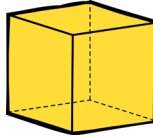
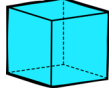
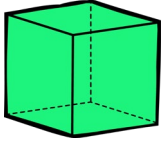
E

Sort 3D Shapes



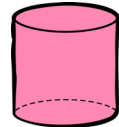
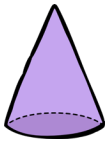
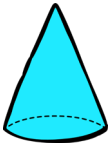
1 Circle the odd one out in each group.

a



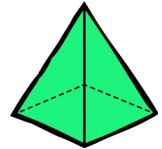
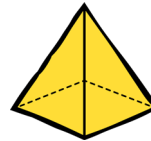
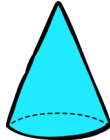
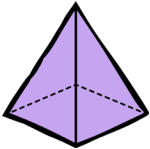
Explain how you know.

b



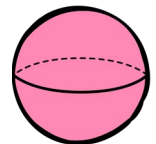
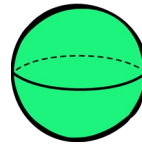
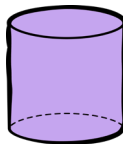
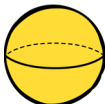
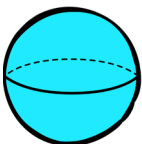
Explain how you know.

c



Explain how you know.

d

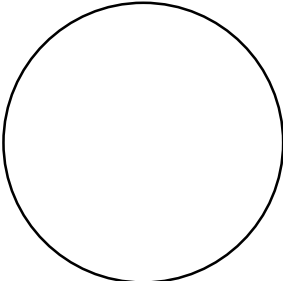
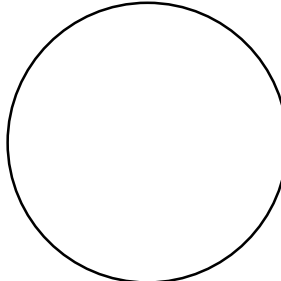
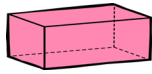
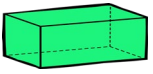
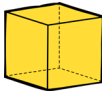
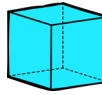
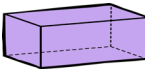


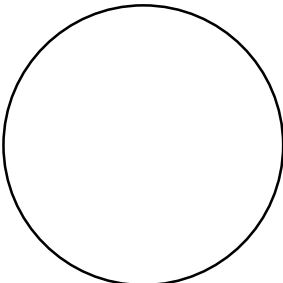
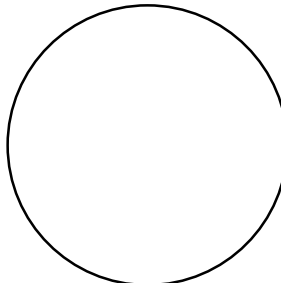


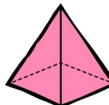
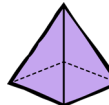

Explain how you know.

Sort 3D Shapes

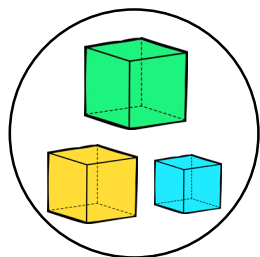


1 Place the shapes into the correct groups.

Cubes			Cuboids		
					
					
A	B	C	D	E	

Cones		Pyramids		
				
				
A	B	C	D	E

2 Some 3D objects have been sorted.



Have the shapes been sorted correctly?

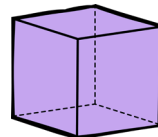
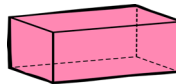
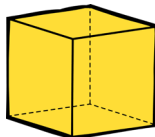
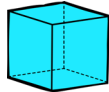
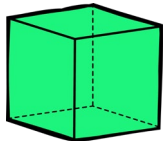
Explain how you know.

Sort 3D Shapes



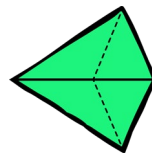
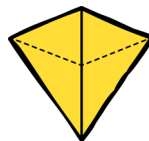
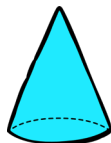
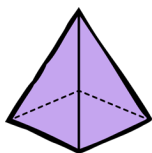
1 Circle the odd one out in each group.

a



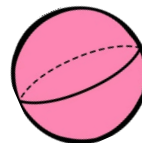
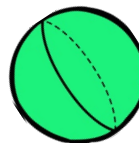
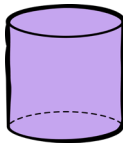
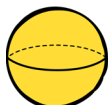
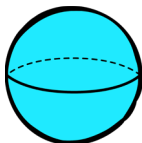
Explain how you know.

b



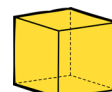
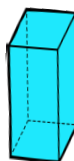
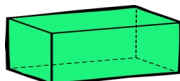
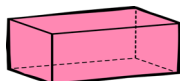
Explain how you know.

c



Explain how you know.

d



Explain how you know.

Sort 3D Shapes



1 Place the shapes into the correct groups.

Cones

A

B

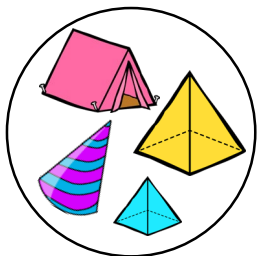
Pyramids

C

D

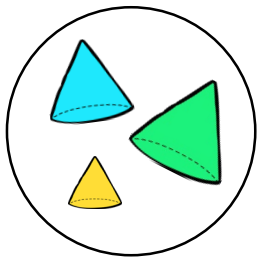
E

2 Some 3D objects have been sorted.

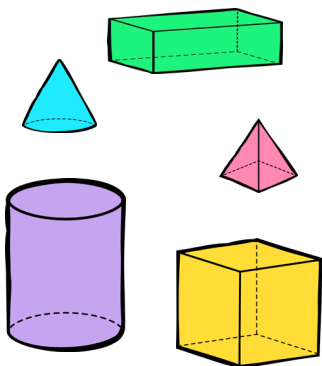


Have the shapes been sorted correctly?

Explain how you know.



3 How many ways can you sort the following shapes into groups? List them.



Answers

To avoid wasting paper & ink,
please do not print this page.

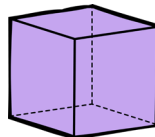
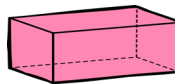
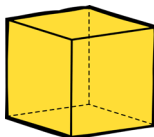
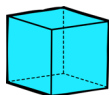
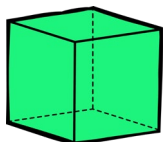


Sort 3D Shapes

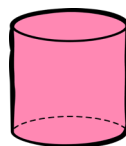
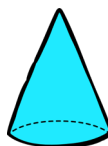
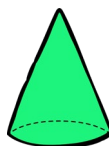
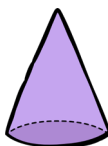


1 Circle the odd one out in each group.

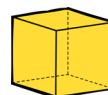
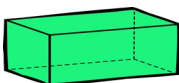
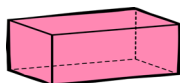
a



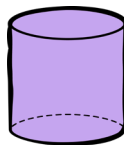
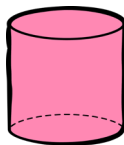
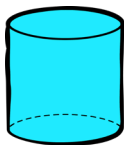
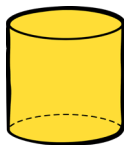
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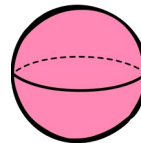
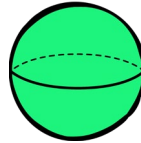
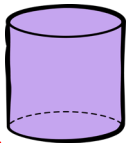
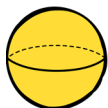
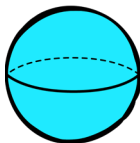
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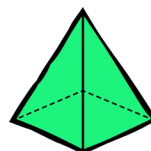
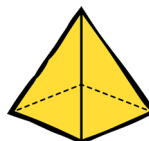
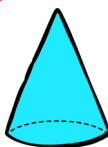
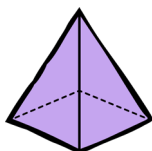
d



e



f

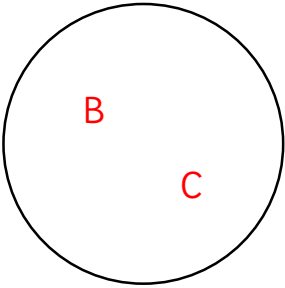


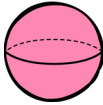
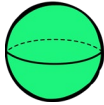
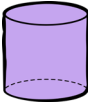
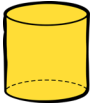
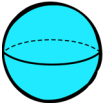
Sort 3D Shapes



1 Place the shapes into the correct groups.

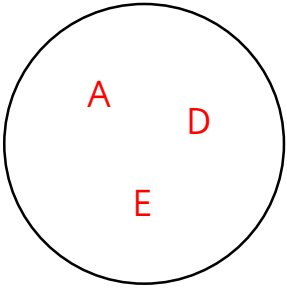
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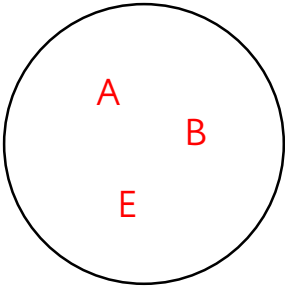



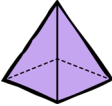
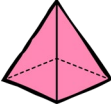


A B C D E

Spheres



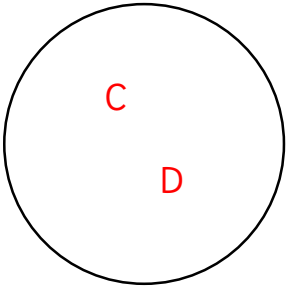
Cones



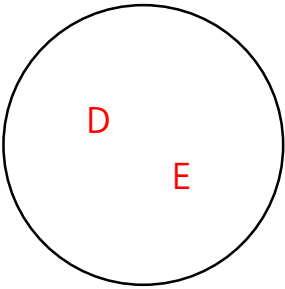


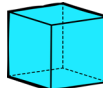
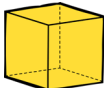
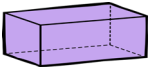
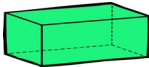
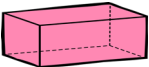
A B C D E

Pyramids



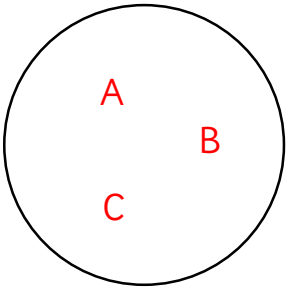
Cubes





A B C D E

Cuboids

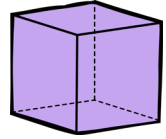
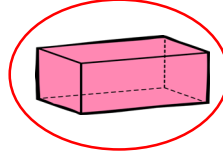
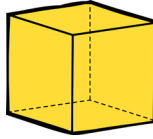
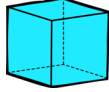
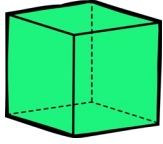


Sort 3D Shapes



1 Circle the odd one out in each group.

a

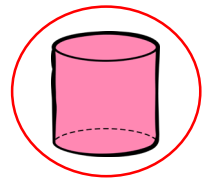
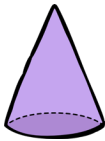
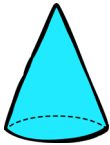


Explain how you know.

This shape is a cuboid, the others are cubes.

Example answer: A cube has all square faces, a cuboid does not.

b

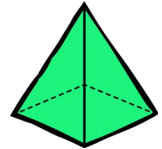
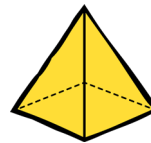
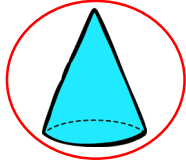
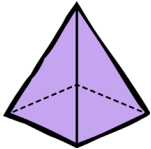


Explain how you know.

This shape is a cylinder, the others are cones.

Example answer: A cylinder has 2 flat faces, a cone does not.

c

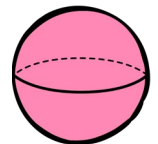
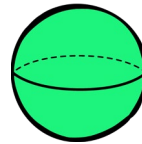
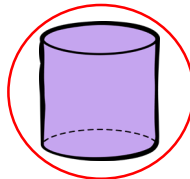
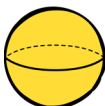
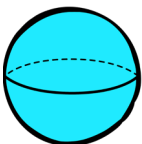


Explain how you know.

This shape is a cone, the others are pyramids.

Example answer: A cone has a curved face, a pyramid does not.

d



Explain how you know.

This shape is a cylinder, the others are spheres.

Example answer: A cylinder has 2 flat faces, a sphere does not.

Sort 3D Shapes

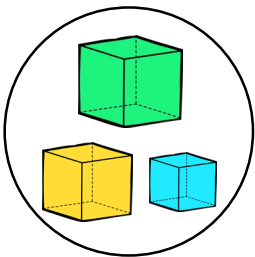


1 Place the shapes into the correct groups.

Cubes		Cuboids	

Cones		Pyramids	

2 Some 3D objects have been sorted.



Have the shapes been sorted correctly?

Explain how you know.

No they have not been sorted correctly.



A gift box has been placed in with the cylinder shapes.

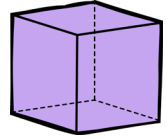
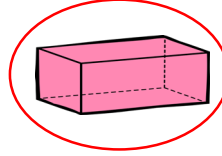
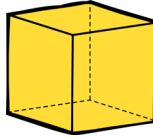
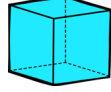
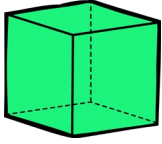
It should be with the cubes.

Sort 3D Shapes



1 Circle the odd one out in each group.

a

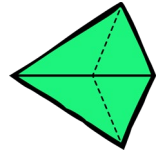
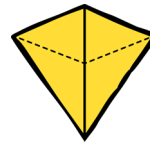
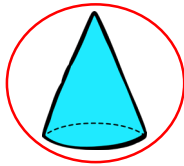
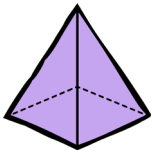


Explain how you know.

This shape is a cuboid, the others are cubes.

Example answer: A cube has all square faces, a cuboid does not.

b

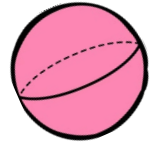
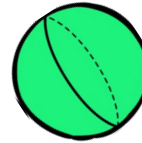
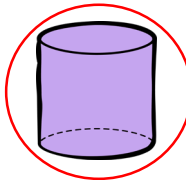
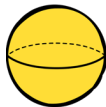
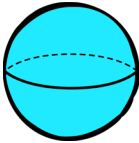


Explain how you know.

This shape is a cone, the others are pyramids.

Example answer: A cone has a curved face, a pyramid does not.

c

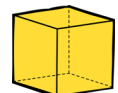
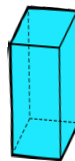
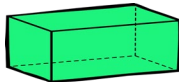
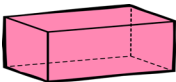


Explain how you know.

This shape is a cylinder, the others are spheres.

Example answer: A cylinder has 2 flat faces, a sphere does not.

d



Explain how you know.

This shape is a cube, the others are cuboids.

Example answer: A cuboid has rectangular faces, a cube does not.

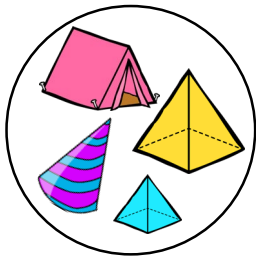
Sort 3D Shapes



1 Place the shapes into the correct groups.

Cones		Pyramids		

2 Some 3D objects have been sorted.

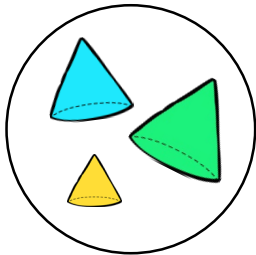


Have the shapes been sorted correctly?

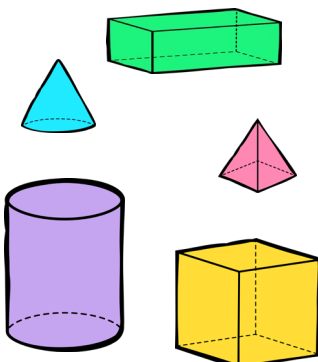
Explain how you know.

No they have not been sorted correctly.

A cone-shaped party hat has been placed in with the pyramid shapes. It should be with the cones.



3 How many ways can you sort the following shapes into groups? List them.



Possible answers:

Straight-lined faces / curved faces.

Circular faces / square faces.

Big / small shapes.