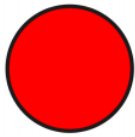


2D Shape Word Mat



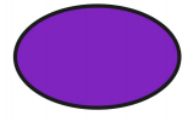
circle



rectangle



triangle



oval



octagon



square



heptagon



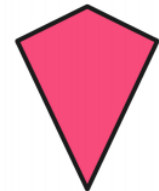
rhombus



pentagon



hexagon

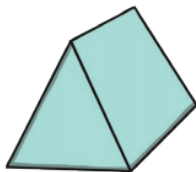


kite

3D Shapes



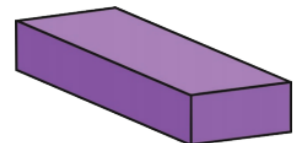
square-based pyramid



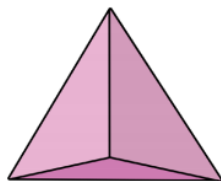
triangular prism



cone



cuboid



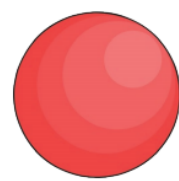
tetrahedron



cube

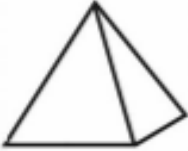

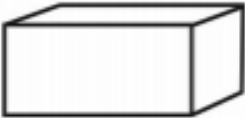


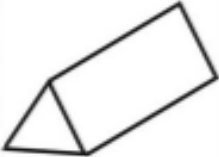



cylinder



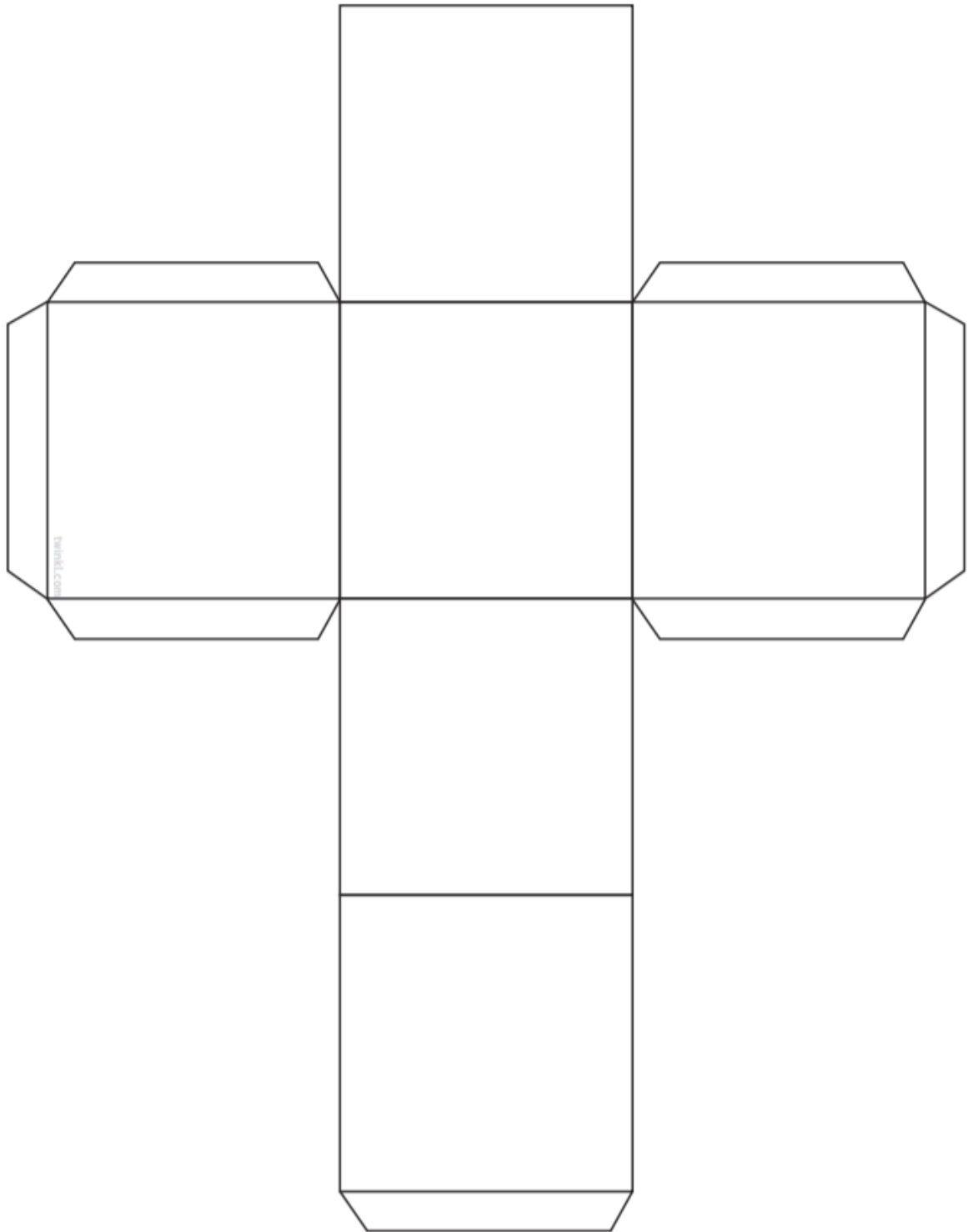
sphere

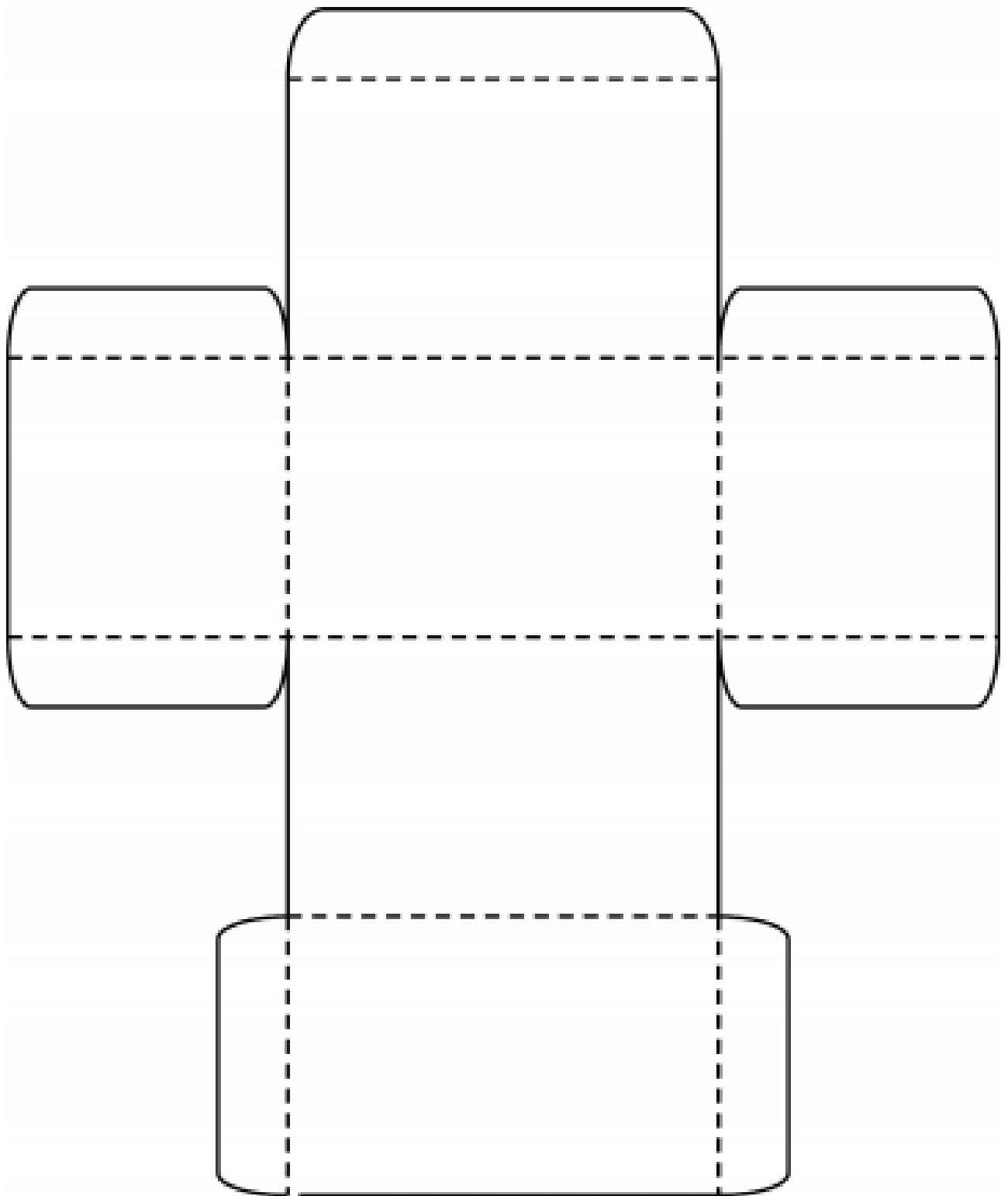
Use a tally to count the shapes you see.

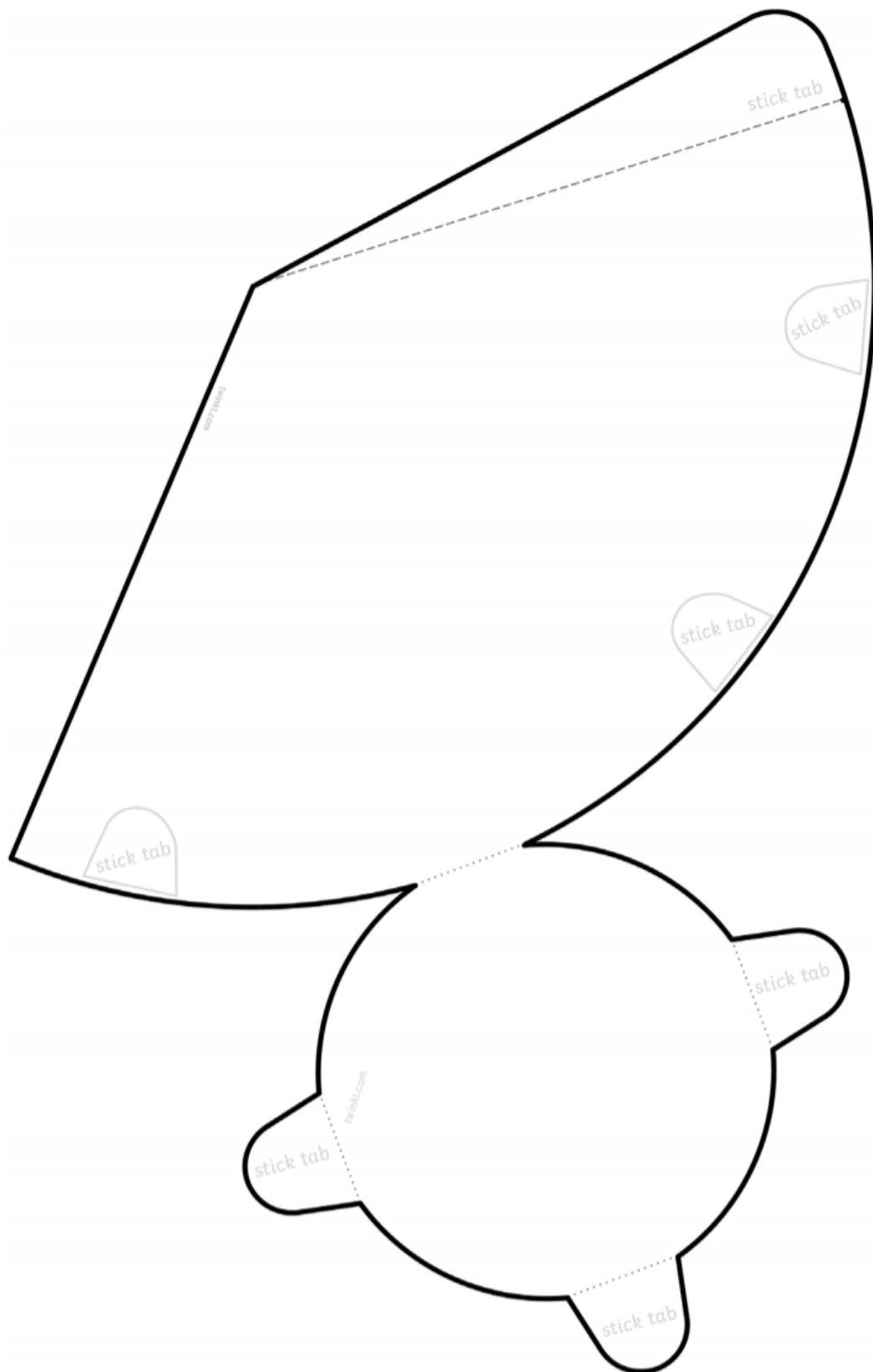
Shape	Tally
	
	
	
	
	
	
	

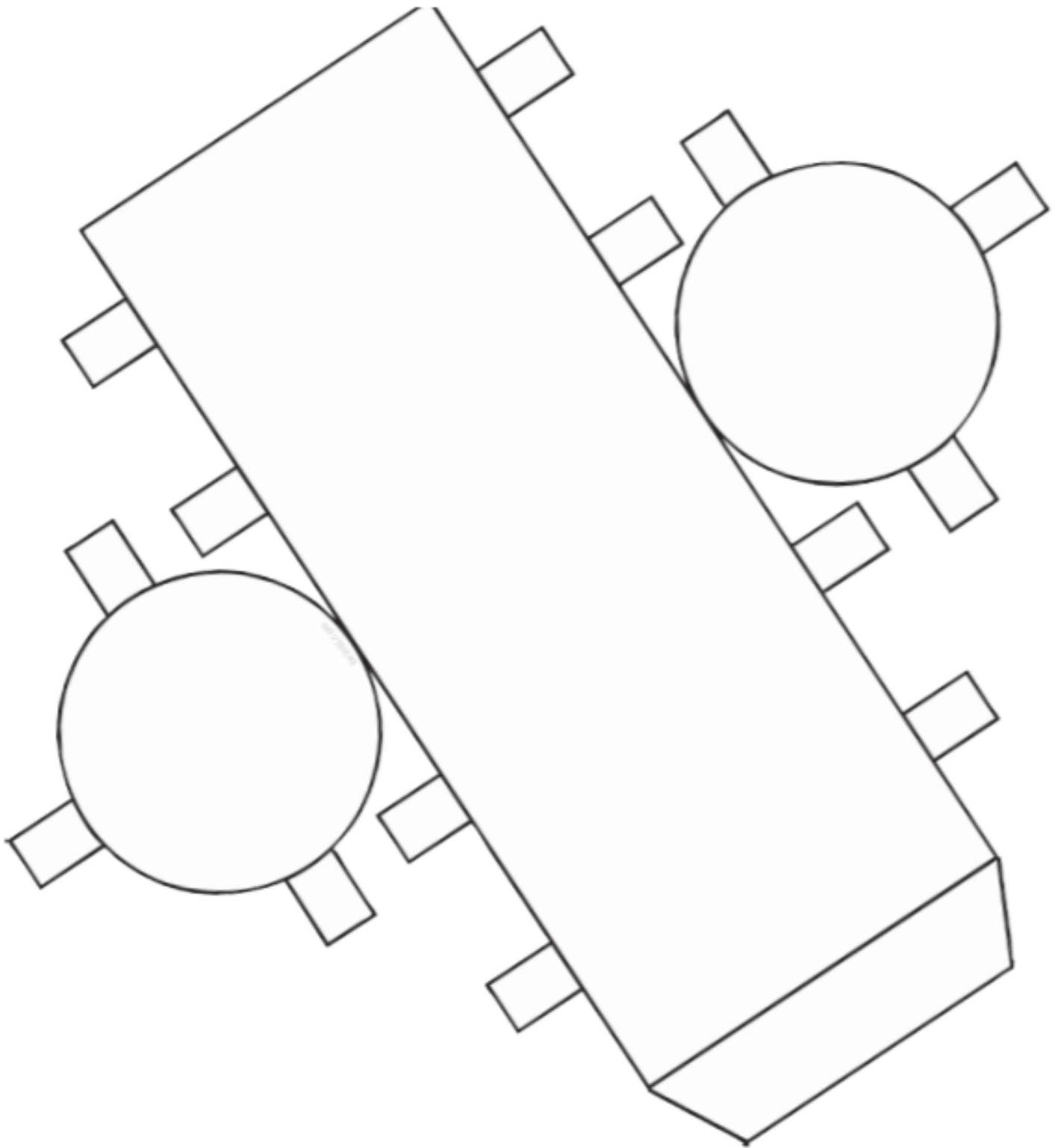
Which shape did you see the most?

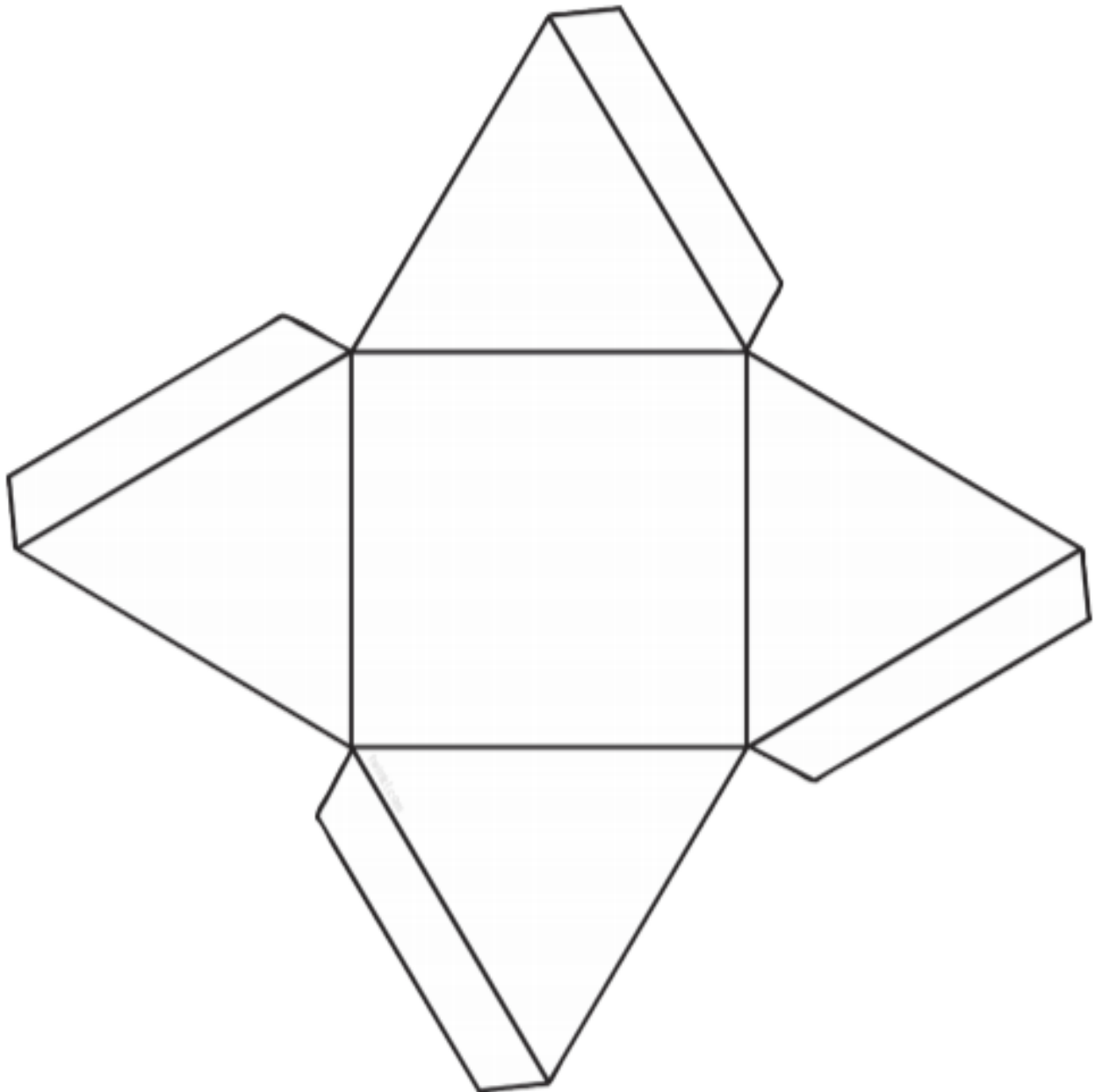
Which shape did you see least?






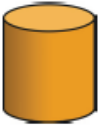
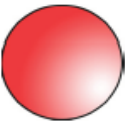









3D Shape Properties Table

Look carefully at the properties of these 3D shapes. Write your results in the table.

3D Shape	Number of Straight Edges	Number of Curved Edges	Number of Vertices	Does it roll?	Does it Stack?
 Cube					
 Cylinder					
 Sphere					
 Cuboid					
 Cone					
 Square-Based Pyramid					

What do your results tell you about the shapes? _____

Sort 3D Shapes

Adult Guidance with Question Prompts



For this activity children will need a selection of 3D shapes and real-life objects of the same shape to sort. Children may need a list of 3D shape vocabulary to help them write the shape names. Encourage children to think of other ways to sort, eg. can/cannot roll, can/cannot stack, number of faces/vertices/edges, etc.

How have you sorted the shapes?

What are the names of these shapes?

Can you write a label for each of your groups?

Can you describe each of the shapes?

How many flat faces/curved surfaces do they have?

How many vertices?

How many edges?

Can you find any other shapes in the classroom to add to each group?

How else could you sort these shapes?

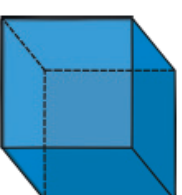
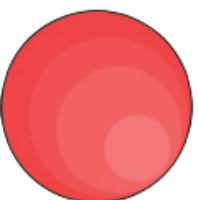
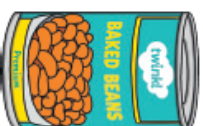
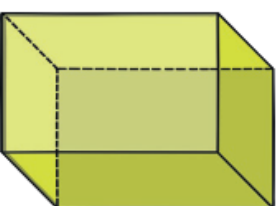
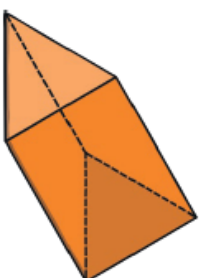
Can you write a label to explain how you've sorted them?

Compare your (shape name), what's the same and what's different about them?

Sort 3D Shapes



Sort your objects by their shape.



Label each group with the shape name.

Sort 3D Shapes

Adult Guidance with Question Prompts



For this activity children will need a selection of 3D shapes and real-life objects to sort, including those with flat faces and curved surfaces. They should use the shape vocabulary they have learnt to describe their sorting.

What is a flat face?

What is a curved surface?

Can you think of any shapes that have just flat faces?

What are they?

Show me.

Where will they go in this diagram?

Are there any shapes with only curved surfaces?

How many?

What is it called?

Where will it go in this diagram?

Are there any shapes that have both flat faces and curved surfaces that could go in the intersection of this diagram?

Which ones?

What do you notice about these shapes?



twinkl



Sort 3D Shapes

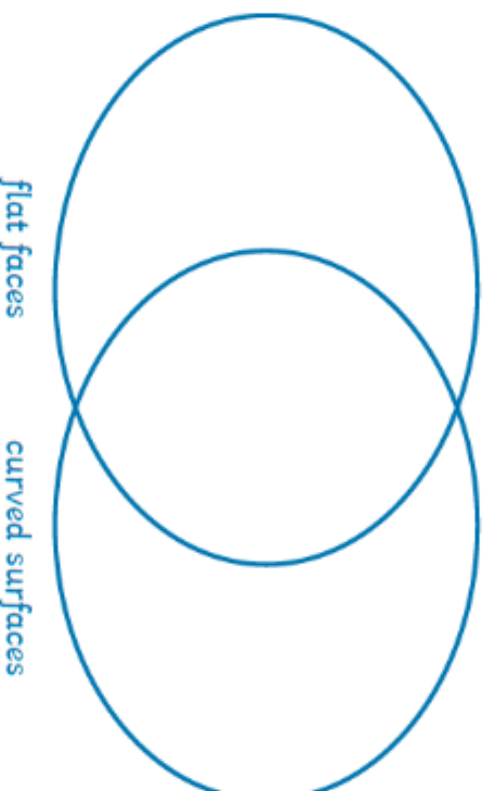


Anna is investigating shapes.

Some shapes have both flat faces and curved surfaces.



Is she correct?



Sort 3D shapes into a Venn Diagram and explain what you notice.