1 Sort the 2D shapes under the correct headings.



2 Complete the table to show how the shapes have been sorted.

Sorted shapes	How have they been sorted?	
	Red shapes and blue shapes.	
	Cubes and square-based pyramids.	
	Spheres and cuboids.	
	Purple shapes and yellow shapes.	

★ ☆ ☆

1 Sort the shapes into the table below.



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1 Sort the 2D shapes under the correct headings.



2 Complete the table to show how the shapes have been sorted.

Sorted shapes	How have they been sorted?	
	Square-based pyramids and spheres.	
	Blue shapes and yellow shapes.	
	Cylinders and cones.	
	Shapes with 4 or more faces and shapes with less than 4 faces.	

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1 Sort the shapes into the table below.

6 e	dges or less	More than 6 edges		
Sph Cylir Co Tetrah	ere (O edges) nder (2 edges) ne (1 edges) edron (6 edges)	Cube (12 edges) Cuboid (12 edges) Square-based pyramid (8 edges) Triangular prism (9 edges)		
sphere	square-based pyramid	cuboid	tetrahedron	
cylinder	cone	triangular prism	cube	

2 Sort the shapes into the Venn diagram below.



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2 Complete the table.

Sorted shapes	How have they been sorted?	How else could they be sorted?
	Triangular prisms and tetrahedrons	Blue shapes and green shapes
	5 faces or more and 4 faces or less	9 vertices or more and 4 vertices or less
	Pink shapes and purple shapes	Curved edges and non-curved edges
	Large shapes and small shapes	Red shapes and yellow shapes

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1 What shapes could belong to each group? Complete the table to show this.



2 Sort the shapes into the Venn diagram below.





Challenge cards



Problem solving and reasoning cards:

