

More Mystery Shapes

Name: _____

Each of the shapes in the table below is either a prism, a pyramid or an antiprism. Use the rules you found previously for the numbers of faces, edges and vertices to fill in the blanks. For the last three rows, you will need to work out what is the shape.

You may need extra working out space. Explain in the last column how you worked out each result.

Prism, antiprism or pyramid?	Number of sides of base (b)	Number of faces (f)	Number of edges (e)	Number of vertices (v)	How did you work this out?
antiprism	20				
antiprism		20			
antiprism			16		
		16	30		
		16		28	
		16		14	