

# Fast 5

$$57 \times 37$$

$$345.78 \times 100$$

$$98 \div 1000$$

$$8^2$$

$$273654 + 38473$$

# Fast 5 Answers

$$57 \times 37 = 2109$$

$$345.78 \times 100 = 34578$$

$$98 \div 1000 = 0.098$$

$$8^2 = 64$$

$$273654 + 38473 = 312127$$

Can I classify 3D shapes?

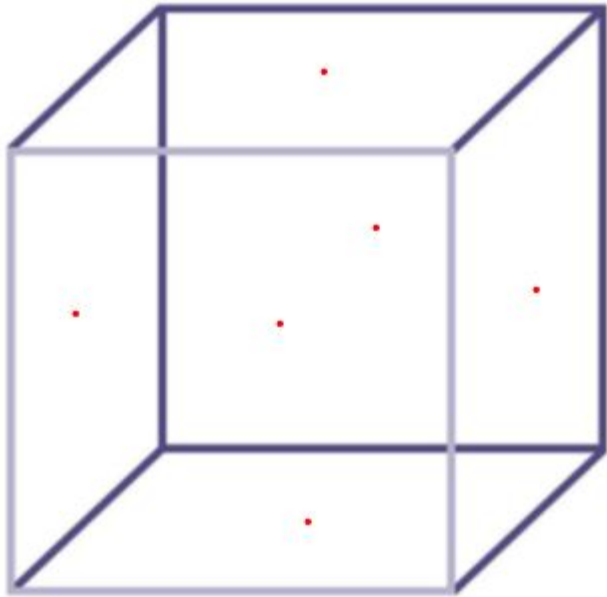
When we classify 3D shapes, there are three important properties:

Faces

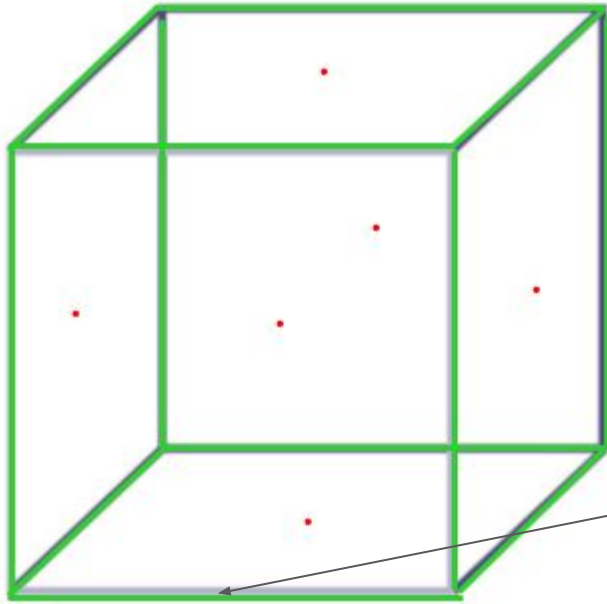
Edges

Vertices

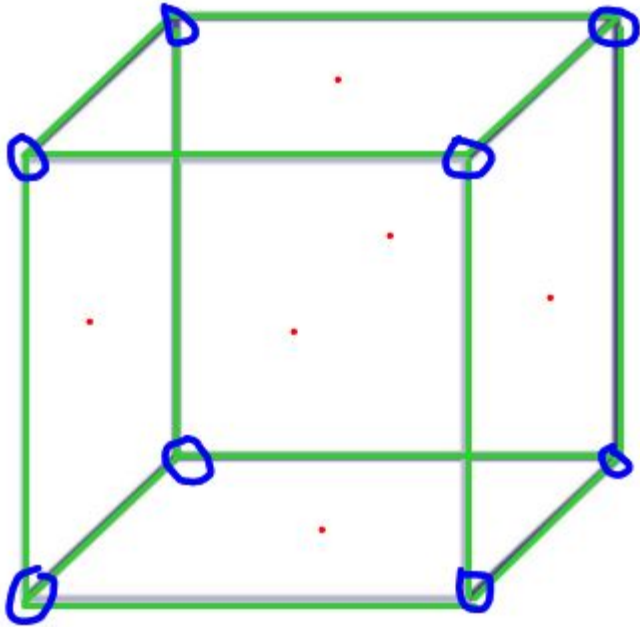
What are these properties?



Faces are the 2D shapes that make up the different “sides” of a 3D shape. This shape has **6 faces**, which are all squares.

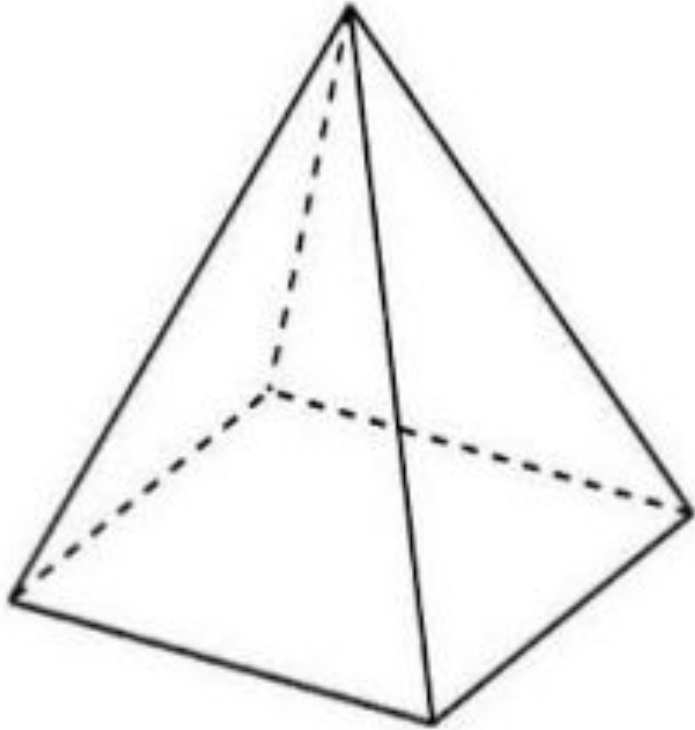


Edges are where 2 faces meet.  
This shape has **12 edges**.



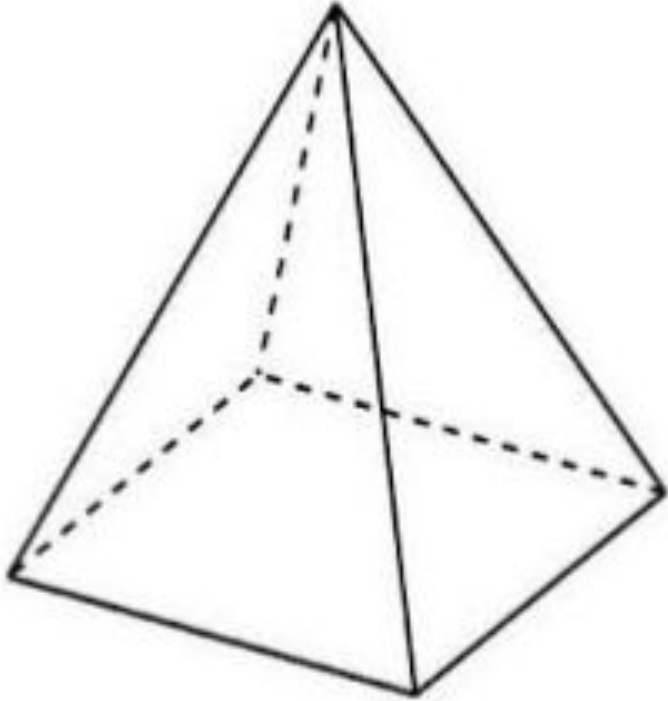
Vertices are the angular points where several edges meet. They often look like the “corners” of a 3D shape.

This shape has **8** vertices.



What is this shape?  
How many faces, edges  
and vertices does this  
shape have?



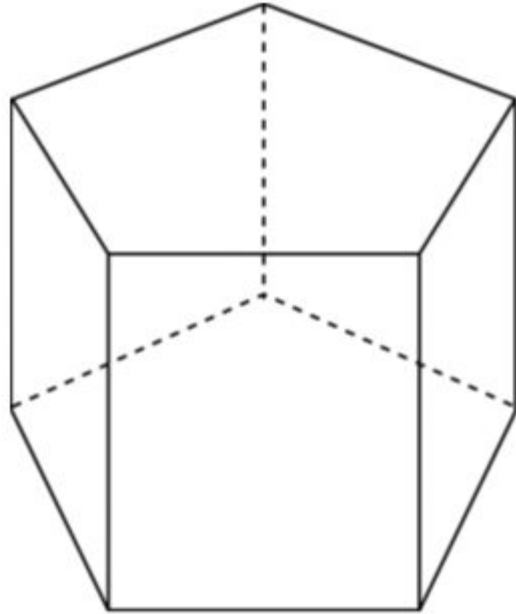


Square based pyramid

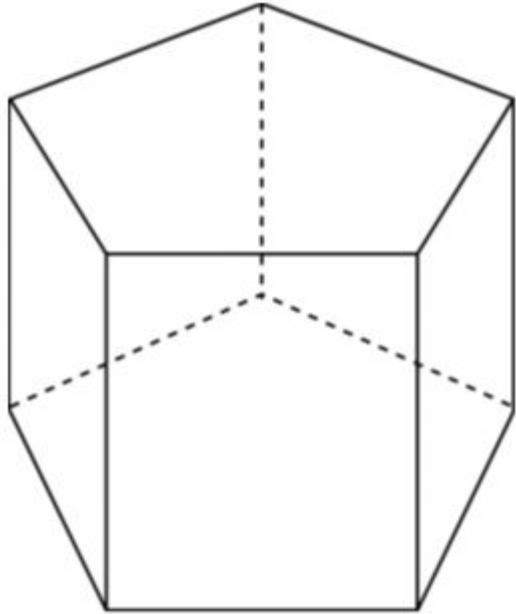
5 faces

8 edges

5 vertices



What is this shape?  
How many faces, edges  
and vertices does it  
have?



Pentagonal prism

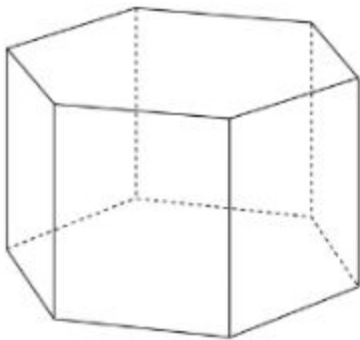
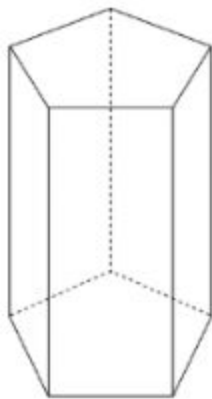
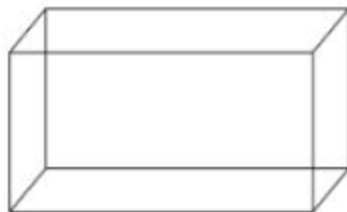
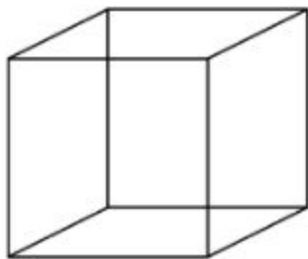
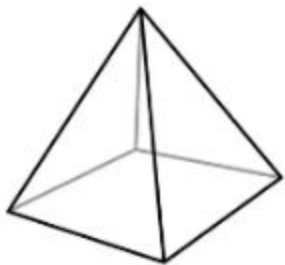
7 faces

15 edges

10 vertices

Name and classify these shapes by their faces, edges and vertices

Red



# Yellow

Fill in the missing parts of this table

Shape	Faces	Edges	Vertices
Cube	6		
	6	12	8
	4	6	5
Pentagonal prism		15	
Hexagonal prism			12
Square based pyramid			

# Green

Shape	Faces	Edges	Vertices
Cube			
Cuboid			
Triangle based pyramid			
Pentagonal prism			
Hexagonal prism			
Square based pyramid			

Which of the following nets make a cube?

