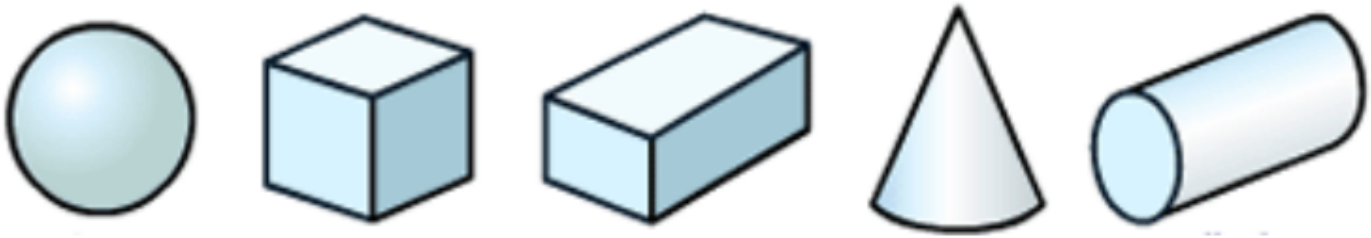
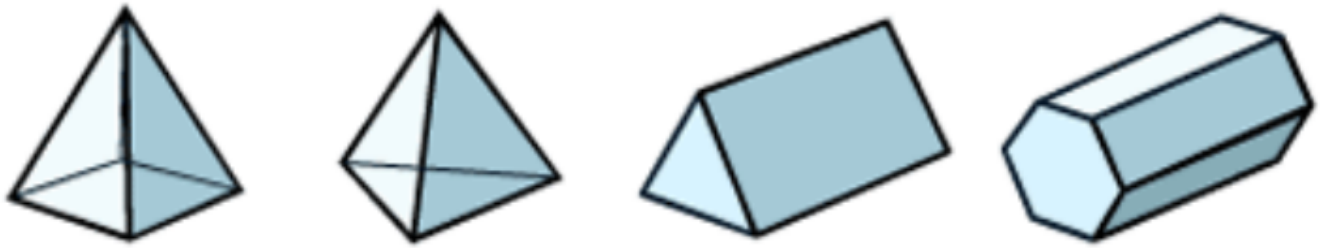
How many 3D shapes can you name?



1 2 3 4 5



6 7 8 9

Cone

Hexagonal prism

Cube

Triangular based pyramid

Cuboid

Triangular prism

Sphere

Cylinder

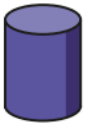
Square based pyramid

Wednesday 23rd April 2025

MPI: Identifying 3D shapes

1 Match each 3-D shape to its mathematical name.

cuboid



triangular prism

cube

pyramid

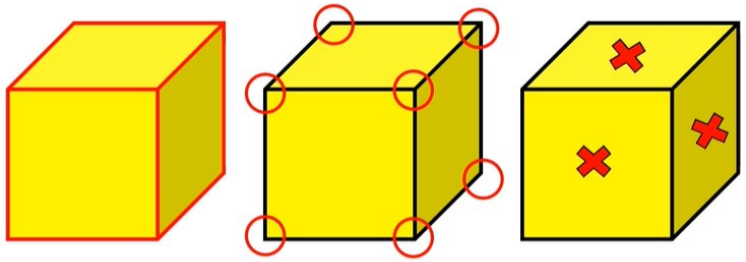
sphere

cylinder

What describes a corner where edges of a 3D shape meet?

- ○ Face
- ○ Edge
- ○ Vertex

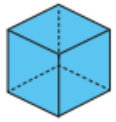
Match the cubes to the correct description.



faces | edges | vertices

How many faces, edges and vertices does each shape have?

a)



faces ☐
edges ☐
vertices ☐

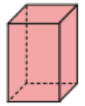
b)

faces ☐
edges ☐
vertices ☐

c)

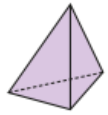
faces ☐
edges ☐
vertices ☐

d)



faces ☐
edges ☐
vertices ☐

e)



faces ☐
edges ☐
vertices ☐

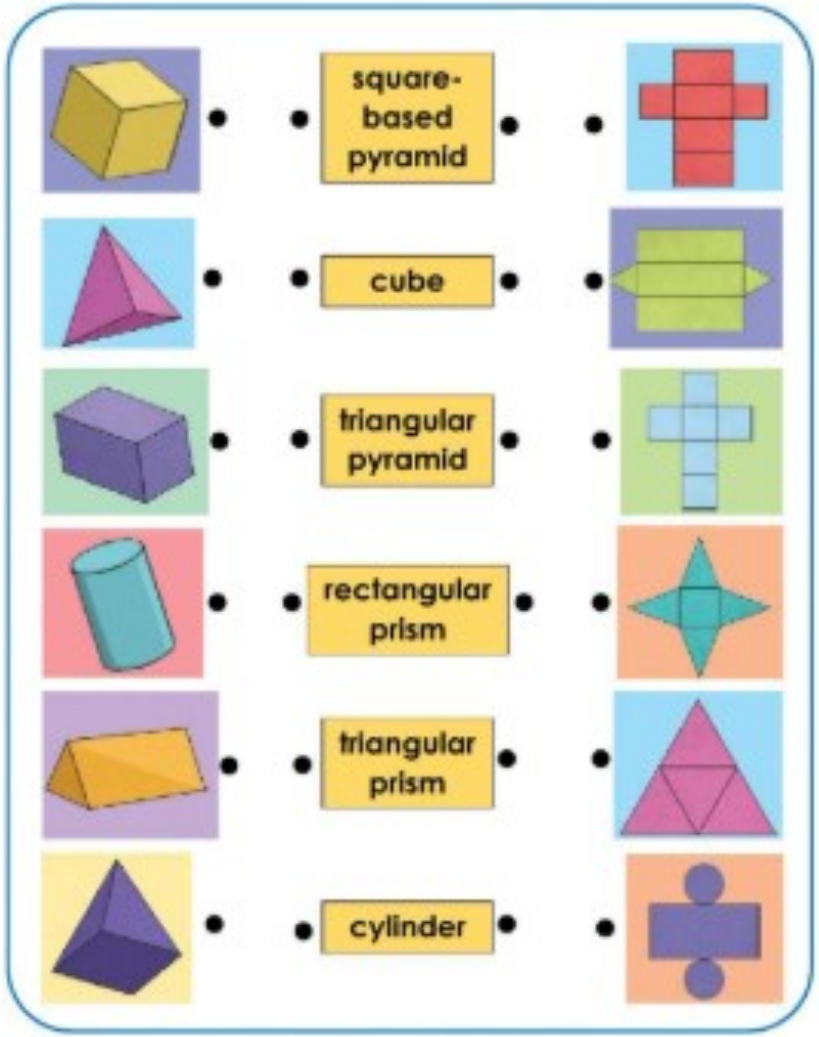
f)

faces ☐
edges ☐
vertices ☐

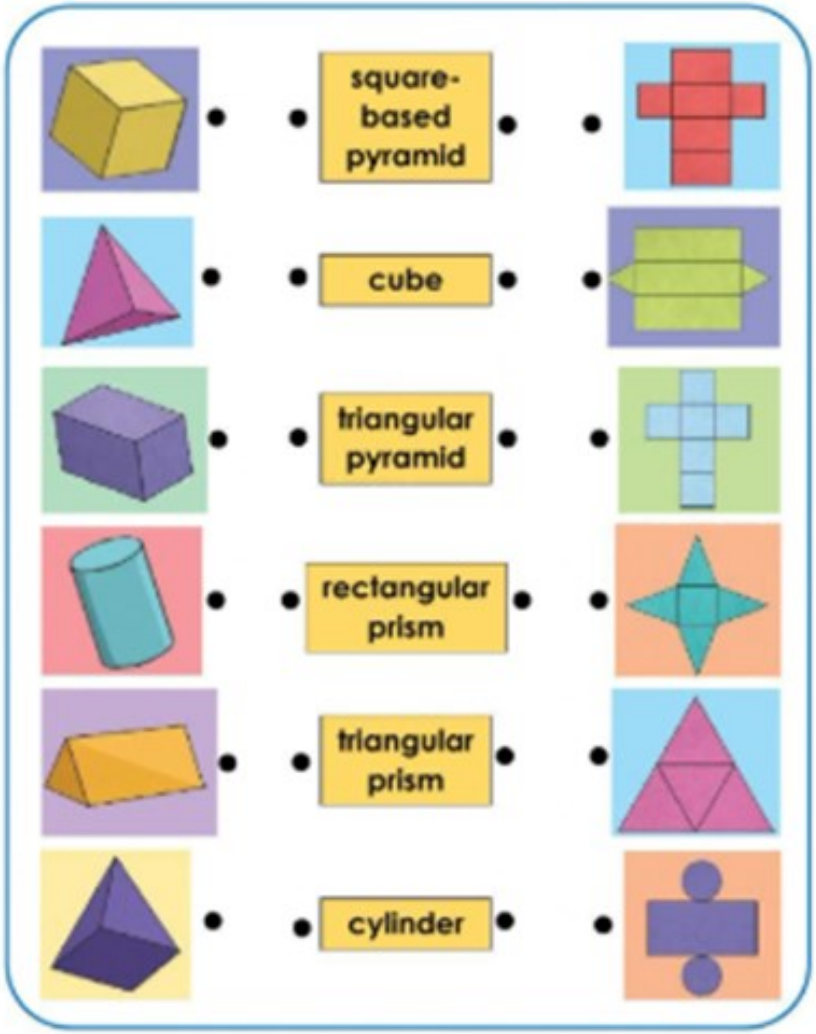
Thursday 24th April 2025

MPI: Identifying the nets of 3D shapes

Match each solid shape to its name and net.



Thursday 24th April 2025

MPI: Identifying the nets of 3D shapes

Match each solid shape to its name and net.