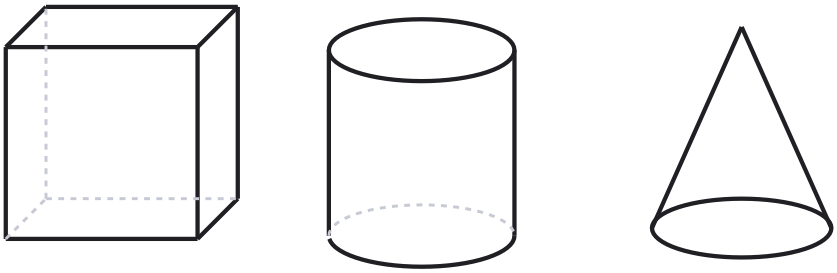
MATHS - GEOMETRY

2D and 3D Shapes

Six flat shapes, six solids, and the words for both



A square is flat. A cube is not. Children are taught both in the same term and the words get swapped for years afterwards.

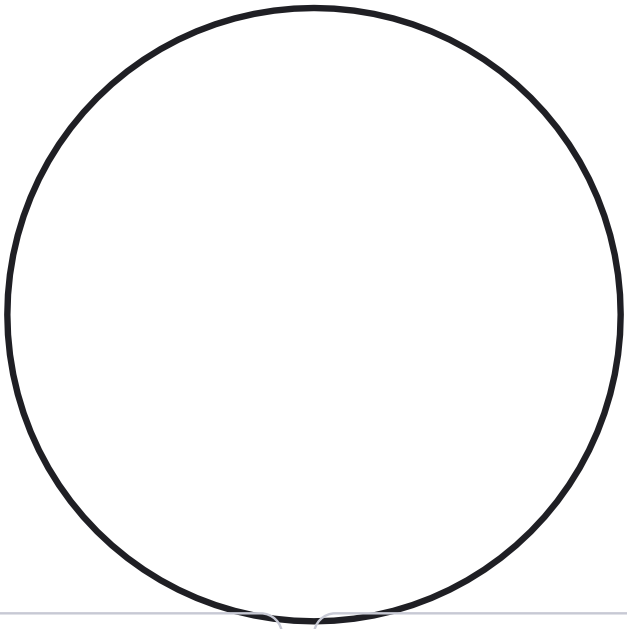
Each flat shape gets a page with its sides and corners counted. Each solid gets a page with its faces, edges and vertices, drawn the way a textbook draws them - hidden edges dashed.

US Letter - black ink only - ages 5-8

Name _____ Date _____

Circle

A circle is a flat shape. You can find one in a wheel, a plate, a coin.



Sides

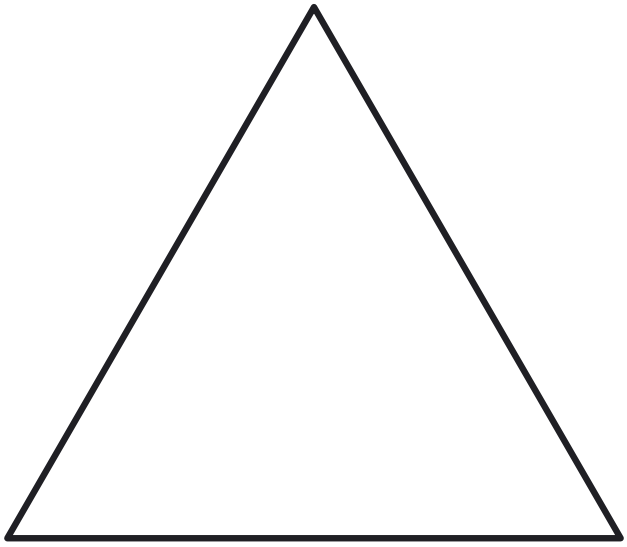
Corners

Now draw a circle yourself.

Name _____ Date _____

Triangle

A triangle is a flat shape. You can find one in a roof, a slice of pizza.



Sides

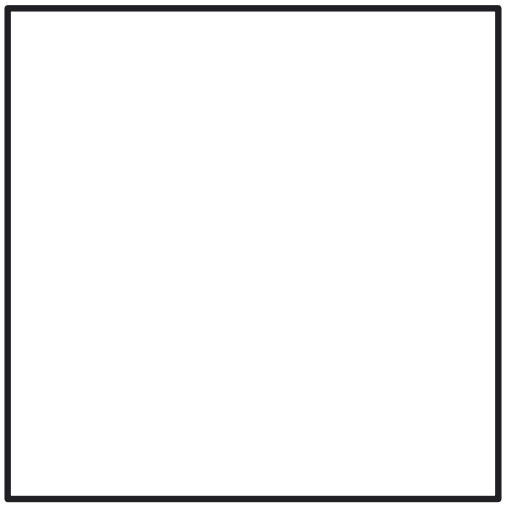
Corners

Now draw a triangle yourself.

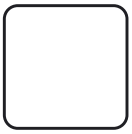
Name _____ Date _____

Square

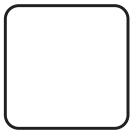
A square is a flat shape. You can find one in a tile, a window pane.



Sides



Corners



Now draw a square yourself.

Name _____ Date _____

Rectangle

A rectangle is a flat shape. You can find one in a door, a book, a phone.



Sides

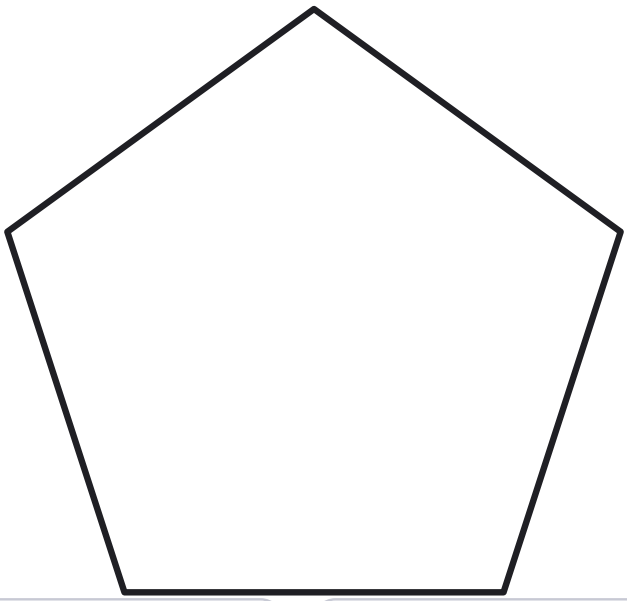
Corners

Now draw a rectangle yourself.

Name _____ Date _____

Pentagon

A pentagon is a flat shape. You can find one in a football panel.



Sides ☐

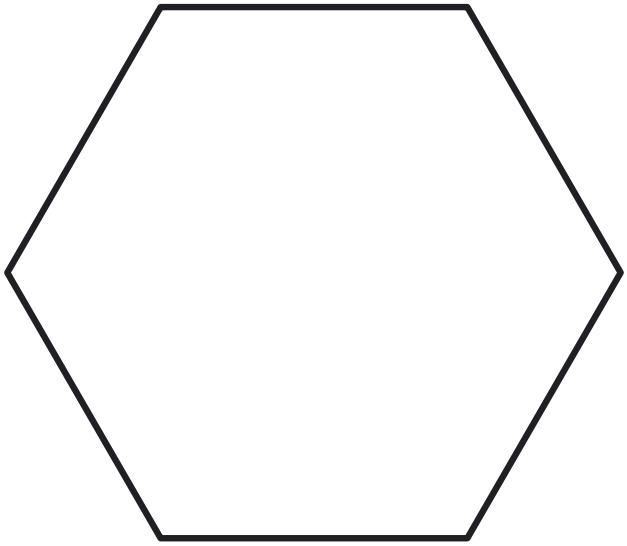
Corners ☐

Now draw a pentagon yourself.

Name _____ Date _____

Hexagon

A hexagon is a flat shape. You can find one in a honeycomb cell, a bolt head.



Sides ☐

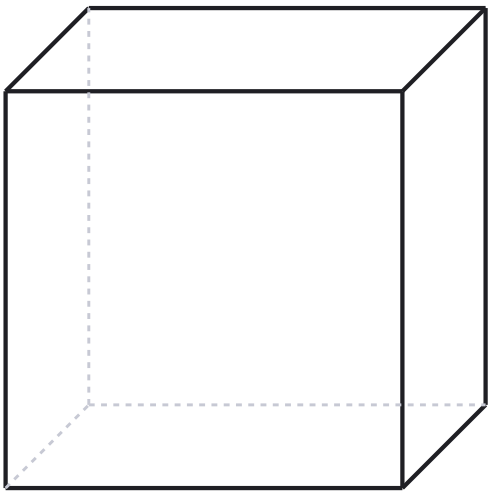
Corners ☐

Now draw a hexagon yourself.

Name _____ Date _____

Cube

A cube is a solid shape. You can find one in a dice, a sugar cube.



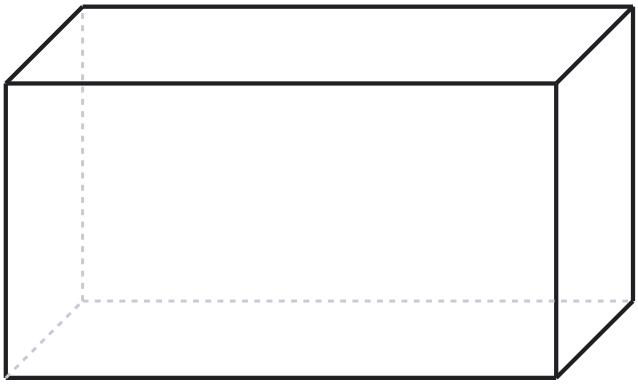
Faces	Edges	Corners

Find a cube in the room and draw it here.

Name _____ Date _____

Cuboid

A cuboid is a solid shape. You can find one in a cereal box, a brick.



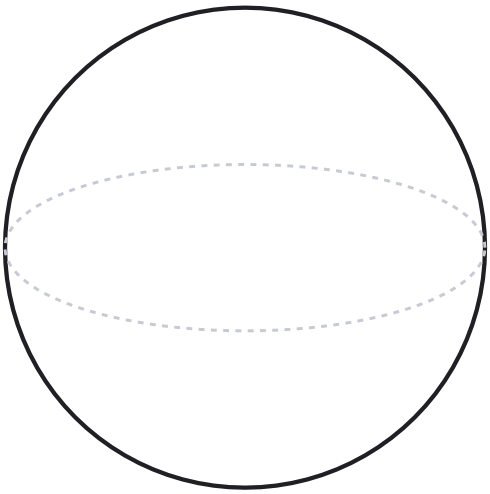
Faces	Edges	Corners

Find a cuboid in the room and draw it here.

Name _____ Date _____

Sphere

A sphere is a solid shape. You can find one in a ball, an orange.



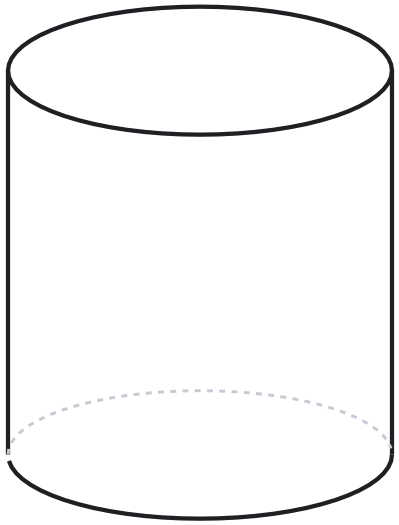
Faces	Edges	Corners

Find a sphere in the room and draw it here.

Name _____ Date _____

Cylinder

A cylinder is a solid shape. You can find one in a tin, a candle.



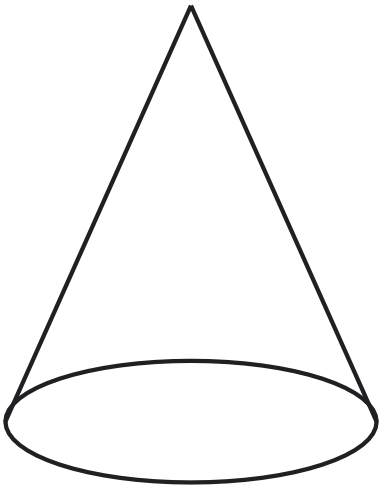
Faces	Edges	Corners

Find a cylinder in the room and draw it here.

Name _____ Date _____

Cone

A cone is a solid shape. You can find one in an ice cream cone, a party hat.



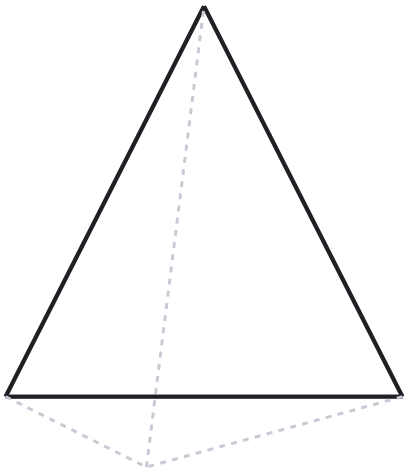
Faces	Edges	Corners
☐	☐	☐

Find a cone in the room and draw it here.

Name _____ Date _____

Pyramid

A pyramid is a solid shape. You can find one in the pyramids, a tent.



Faces	Edges	Corners
☐	☐	☐

Find a pyramid in the room and draw it here.