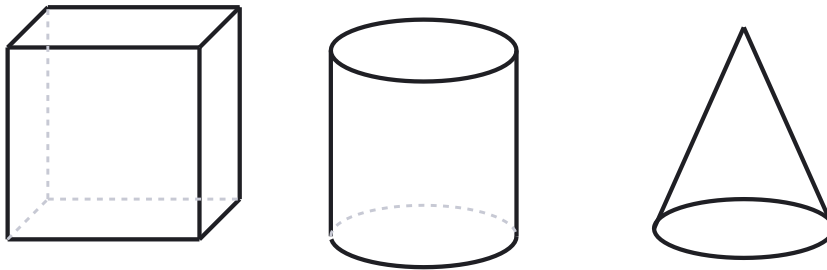


MATHS - GEOMETRY

2D and 3D Shapes

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



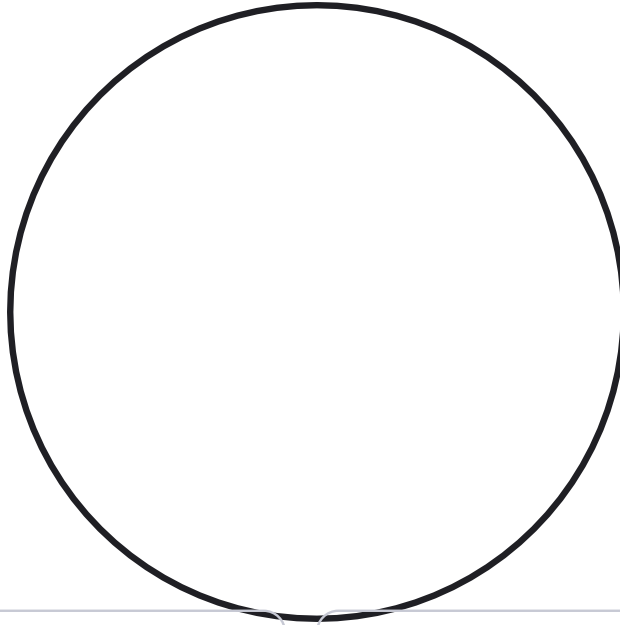
A square is flat. A cube is not. Children are taught both in the same term and the words get swapped for years afterwards.

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.

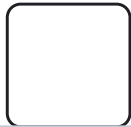
A4 - black ink only - ages 5-8

Circle

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



Sides



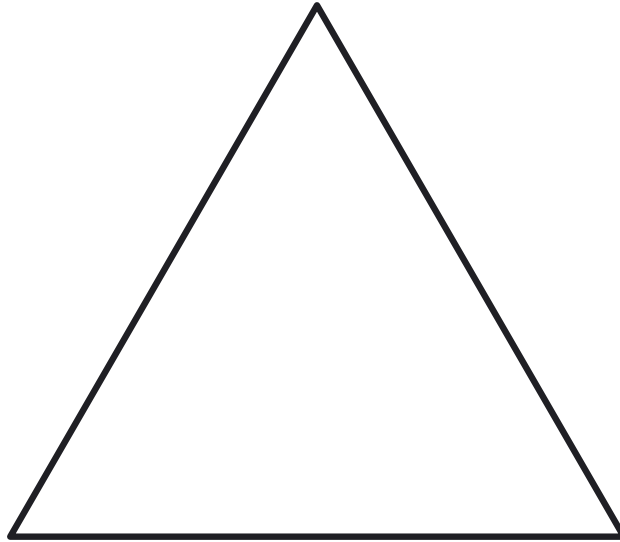
Corners



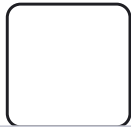
Now draw a circle yourself.

Triangle

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



Sides



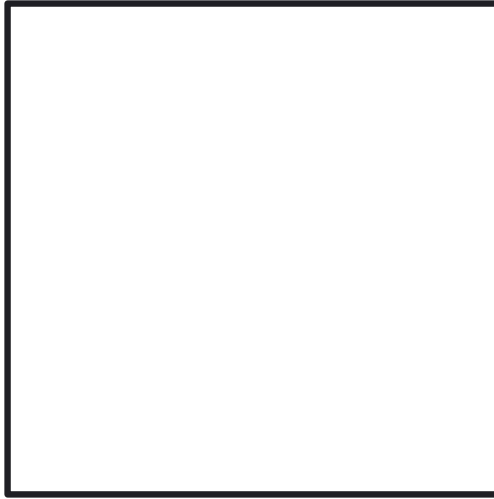
Corners



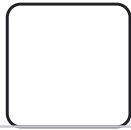
Now draw a triangle yourself.

Square

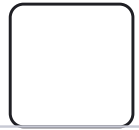
A square is a flat shape. You can find one in a tile, a window pane.



Sides



Corners



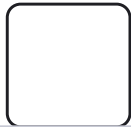
Now draw a square yourself.

Rectangle

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



Sides



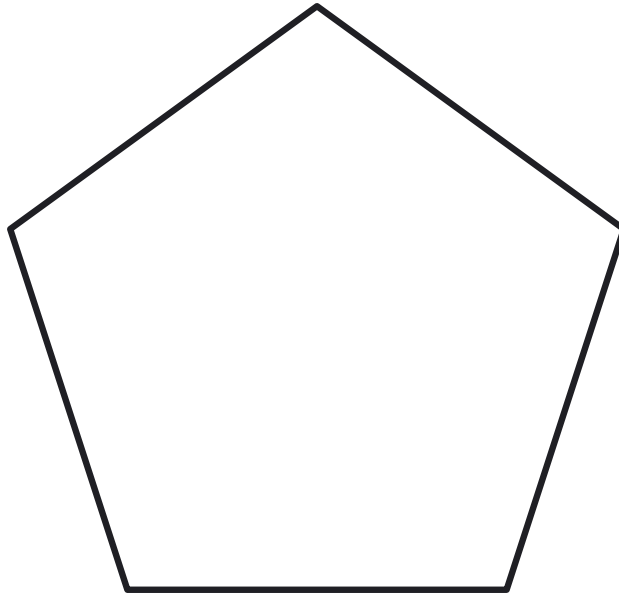
Corners



Now draw a rectangle yourself.

Pentagon

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



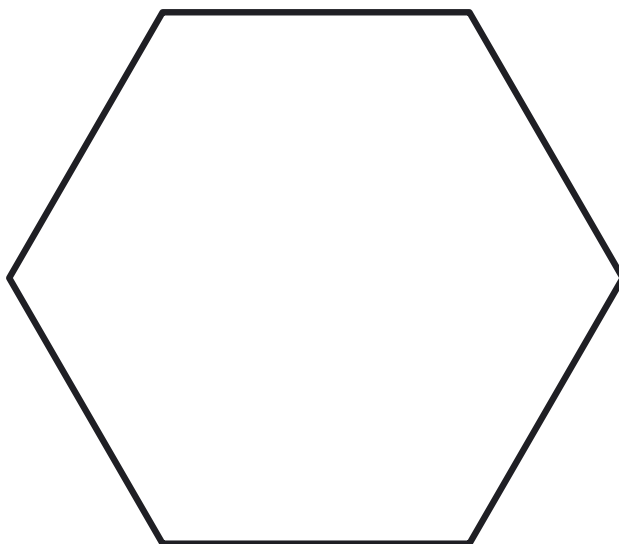
Sides

Corners

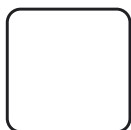
Now draw a pentagon yourself.

Hexagon

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



Sides



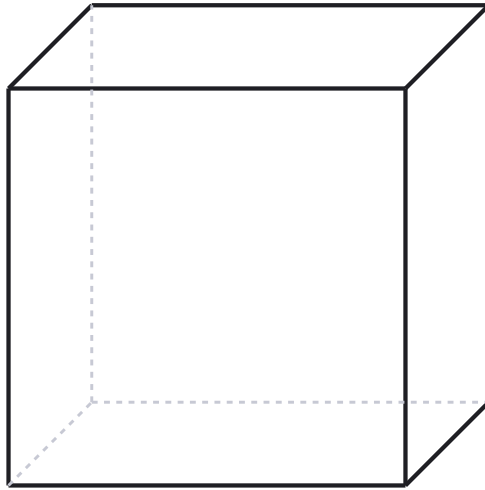
Corners



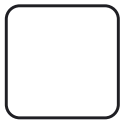
Now draw a hexagon yourself.

Cube

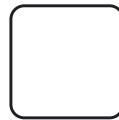
A cube is a solid shape. You can find one in a dice, a sugar cube.



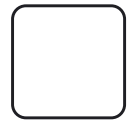
Faces



Edges



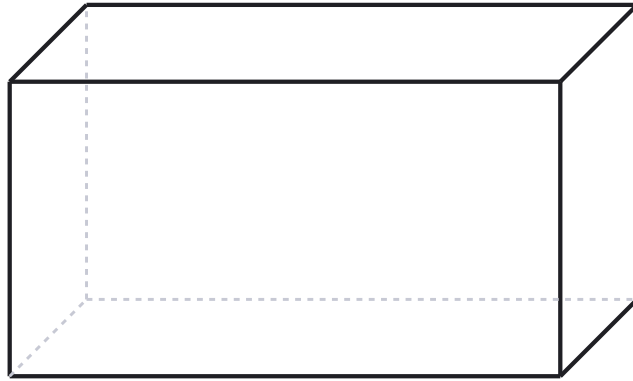
Corners



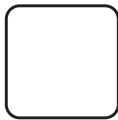
Find a cube in the room and draw it here.

Cuboid

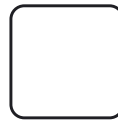
A cuboid is a solid shape. You can find one in a cereal box, a brick.



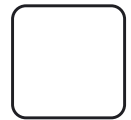
Faces



Edges



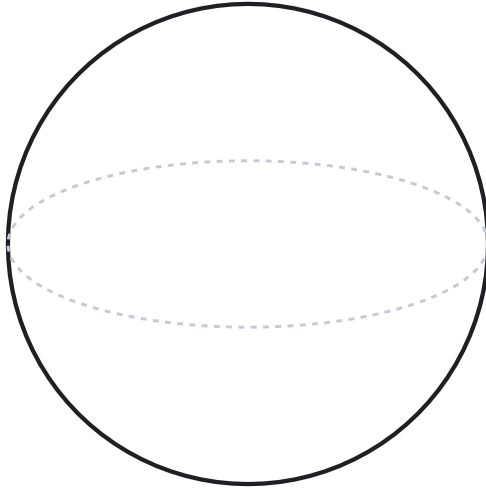
Corners



Find a cuboid in the room and draw it here.

Sphere

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



Faces

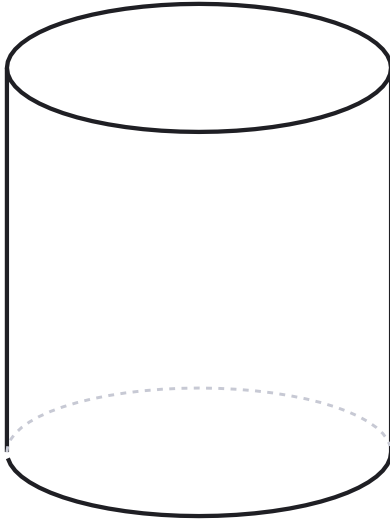
Edges

Corners

Find a sphere in the room and draw it here.

Cylinder

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



Faces

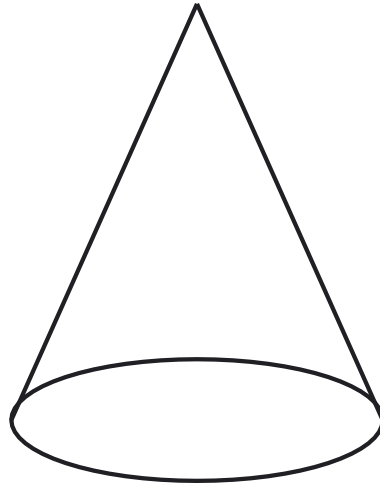
Edges

Corners

Find a cylinder in the room and draw it here.

Cone

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



Faces

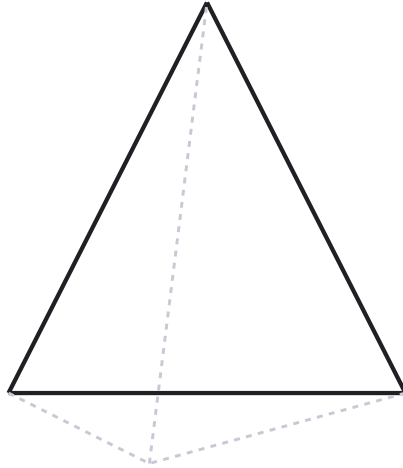
Edges

Corners

Find a cone in the room and draw it here.

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.