

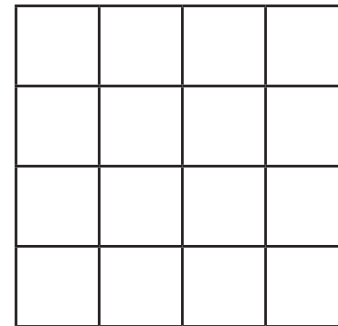
Chilli Challenge Year 3 Geometry Maths Cards



Shapes

Draw 2D shapes and make 3D shapes using modelling materials.

Draw a square with a side length of 2cm on this grid.



← 1cm

Make a cube out of modelling clay.



Lines

Identify horizontal and vertical lines.

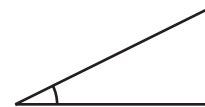
Label the lines correctly:



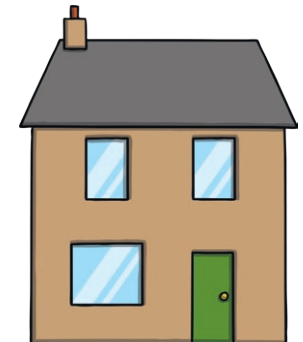
Angles

What does an angle measure?

1. An angle measures _____.
2. How many right angles can you find in this picture?



3. How many right angles make a straight line?

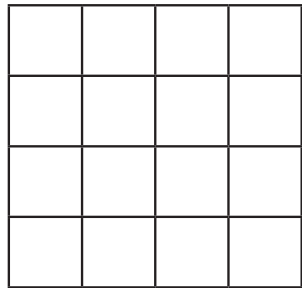




Shapes

Draw 2D shapes and make 3D shapes using modelling materials: recognise 3D shapes in different orientations and describe them.

Draw a square with a side length of 2cm on this grid.

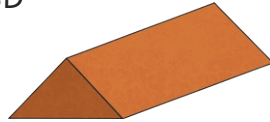


← 1cm

Make a cube using modelling clay.



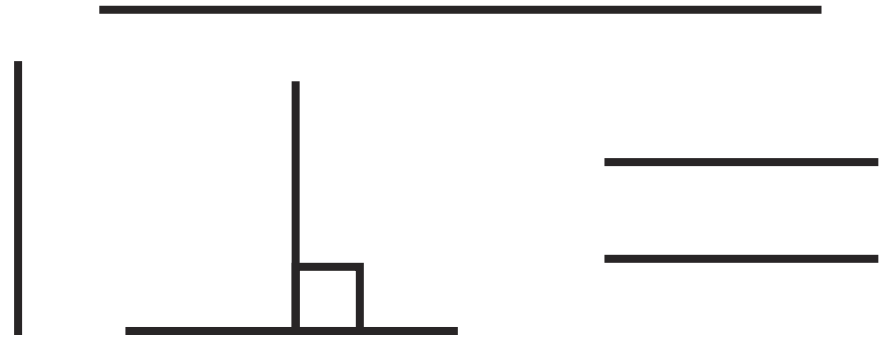
Name the 3D shape.



Lines

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

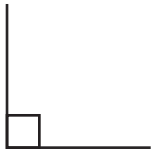
Label the following lines correctly:



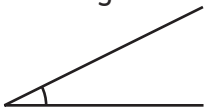
Angles

What does an angle measure?

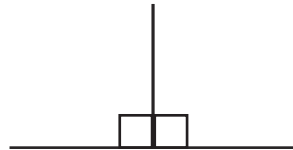
A right angle is a corner of a square.



This angle is less than a right angle.



2 right angles make a straight line.



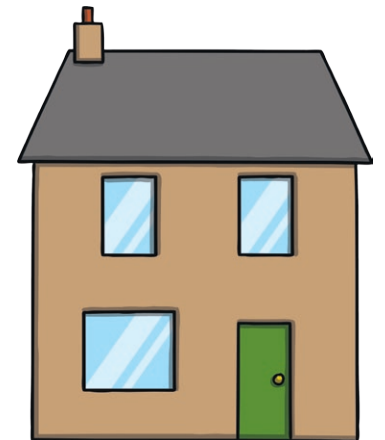
This angle is greater than a right angle.



Angles

Mark the following angles

- A right angle;
- An angle smaller than a right angle;
- An angle larger than a right angle.

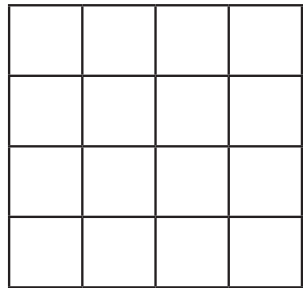




Shapes

Draw 2D shapes and make 3D shapes using modelling materials: recognise 3D shapes in different orientations and describe them.

Draw a square with a side length of 2cm on this grid

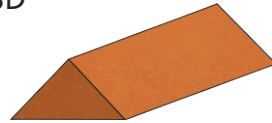


← 1cm

Make a cube using modelling clay.



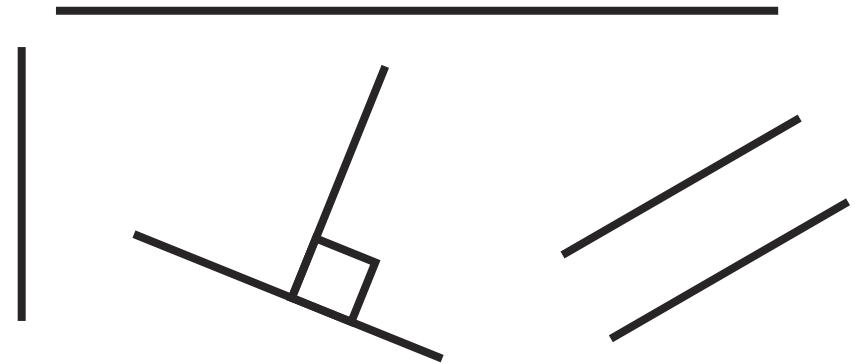
Name the 3D shape..



Lines

Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

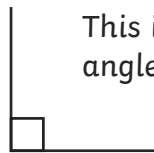
Label the following lines correctly:



Angles

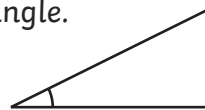
What does an angle measure?

Recognise a right angle in many contexts and orientations. This is less than a right angle and is called an acute angle. This is greater than a right angle and less than a straight line and is called an obtuse angle.



This is a right angle.

This is less than a right angle and is called an acute angle.



This is greater than a right angle but smaller than a straight line. It is called an obtuse angle.

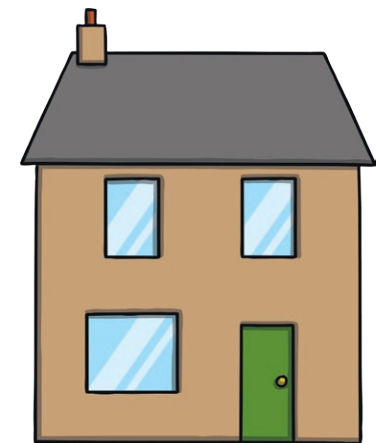


Angles

How many right angles can you see in the picture? Mark them in red.

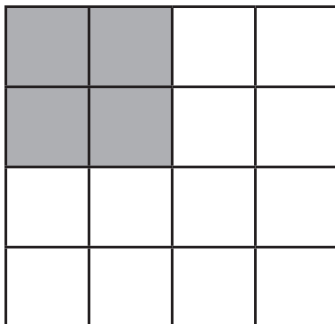
How many obtuse angles can you find? Mark them in green.

How many acute angles can you find? Mark them in blue.

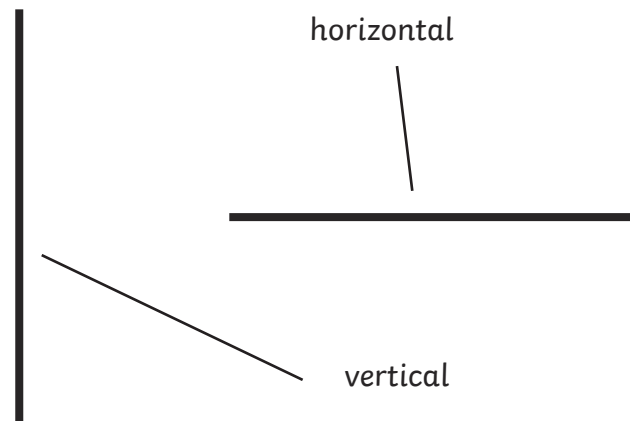


Shapes

For example:



Lines



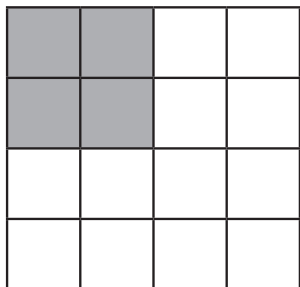
Angles

1. An angle measures or describes a turn.
2. 34 (look at the outside edges of the chimney.)
3. 2 right angles make a straight line.

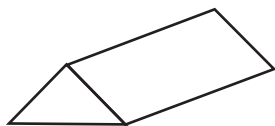


Shapes

For example:



A triangular prism



Lines

horizontal



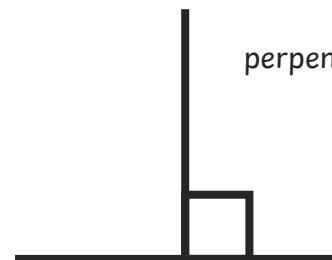
vertical



parallel



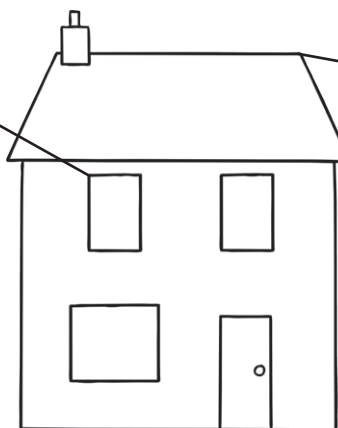
perpendicular



Angles

An angle measures or describes a turn.

right angle.



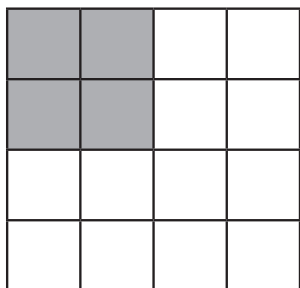
More than a right angle.

Less than a right angle.

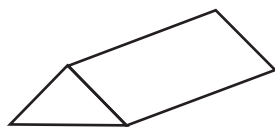


Shapes

For example:



A triangular prism, 5 flat faces (2 triangular and 3 rectangular), 6 vertices and 9 edges.



Lines

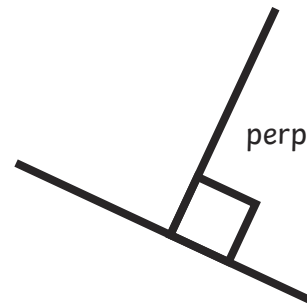
horizontal



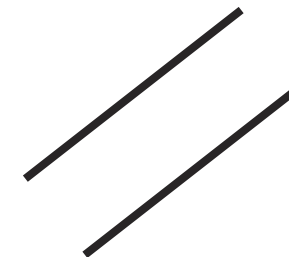
vertical



perpendicular



parallel



Angles

An angle measures or describes a turn.

There are 34 right angles (look at the outside edges of the chimney).

There are 2 obtuse angles

There are 2 acute angles