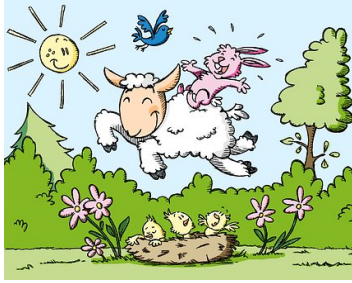


Position

A place where something is.

The lamb is **above** the birds.



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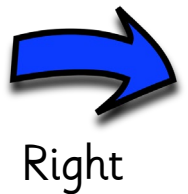
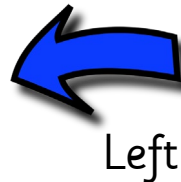
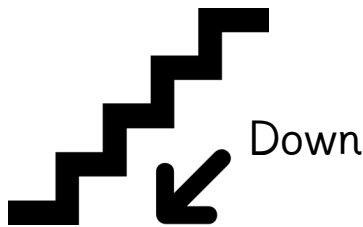
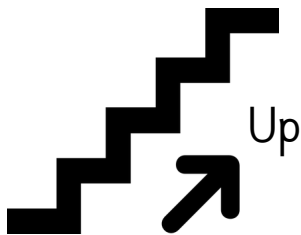
The trees are **behind** the bushes.

The flowers are **next to** the nest.

The rabbit is **on top** of the lamb.

Direction

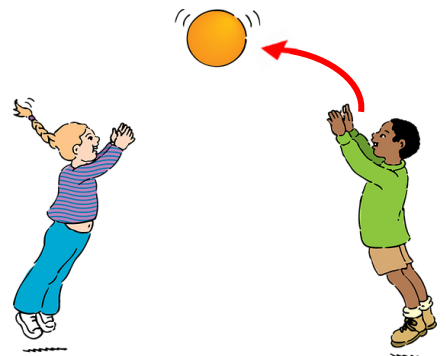
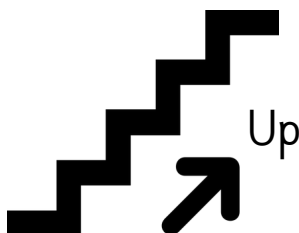
The path taken when a person or object moves.



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Up

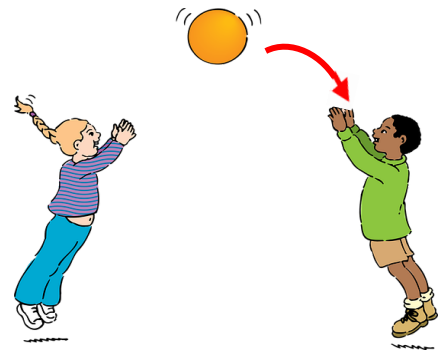
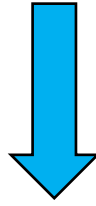
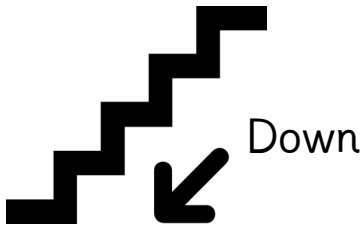
A movement from a lower to higher place.



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Down

A movement from a higher to lower place.

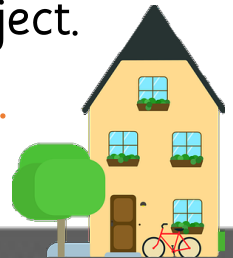


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Forward

A movement that is going towards an object.

The car is moving forward towards the house.



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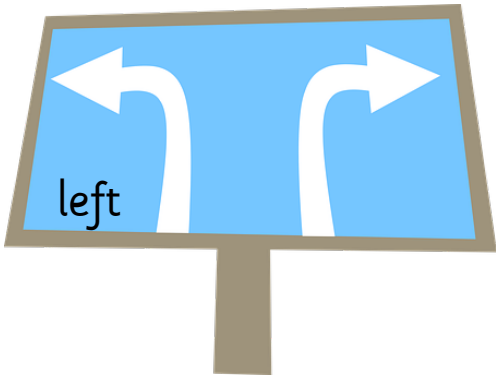
Backward

The opposite of forwards.

The car is reversing. It is going backward.

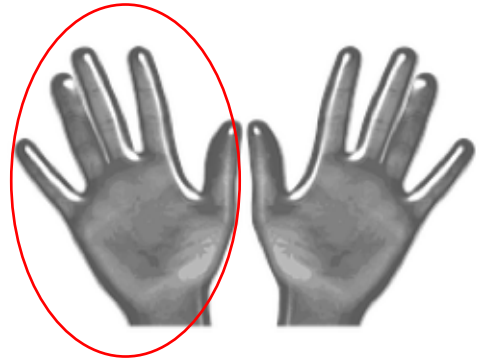


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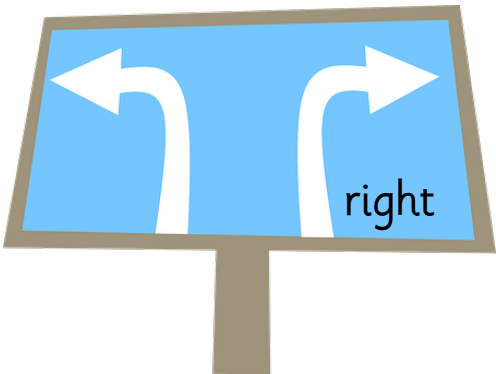


Left

A direction.

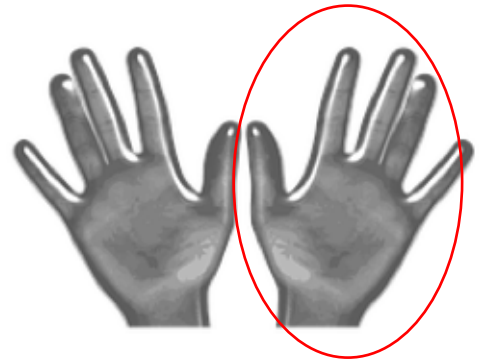


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Right

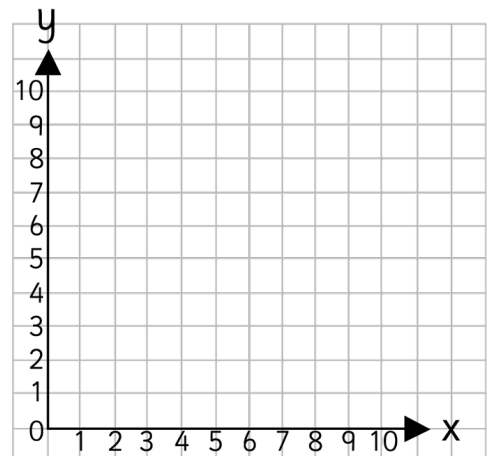
A direction.



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Grid

Equally spaced squares with two perpendicular lines (axes) used to plot points.



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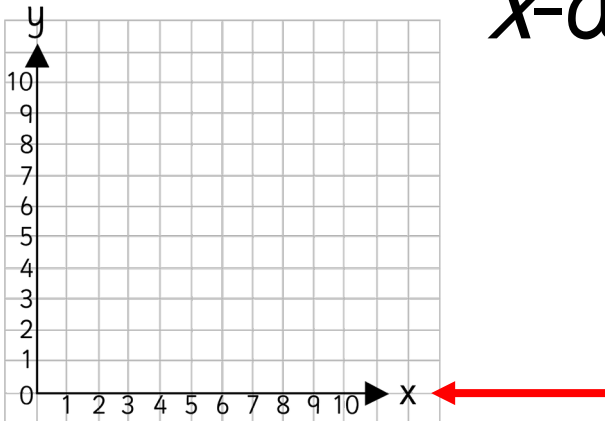
Axes



The horizontal and vertical number lines on a grid used to plot co-ordinates.

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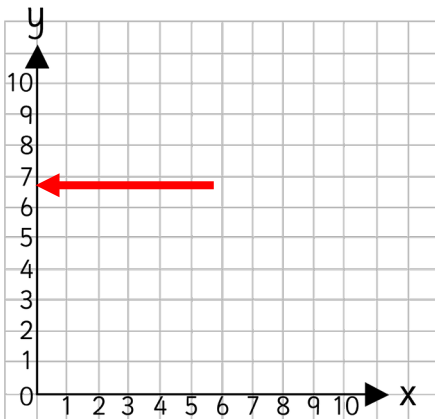
x-axis



The horizontal number line on a grid. The x -axis is always plotted first.
e.g.; (3, 5)

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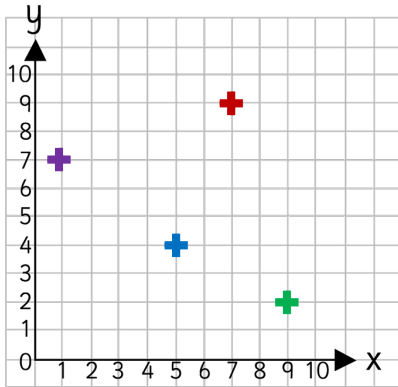
y-axis



The vertical number line on a grid. The y -axis is always plotted second.
e.g.; (3, 5)

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Co-ordinates

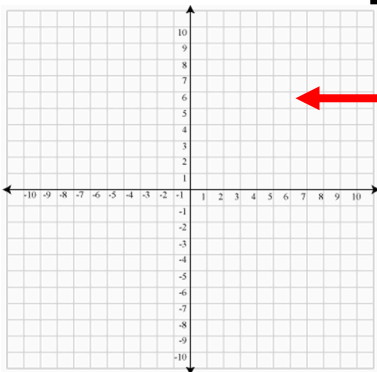


A pair of numbers that shows an exact position on a grid.

The co-ordinates of **+** are $(7, 9)$

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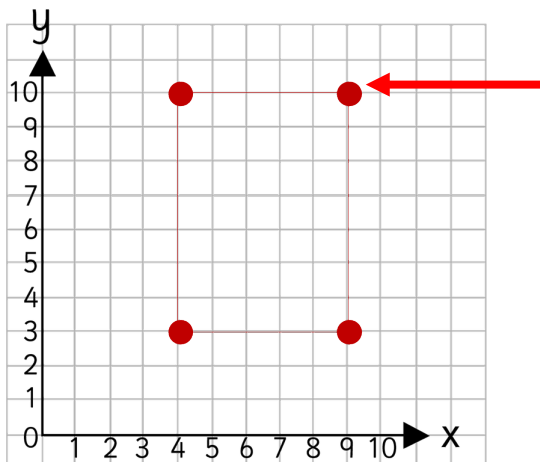
First Quadrant



The upper right section of a grid where both the x and y values are positive.

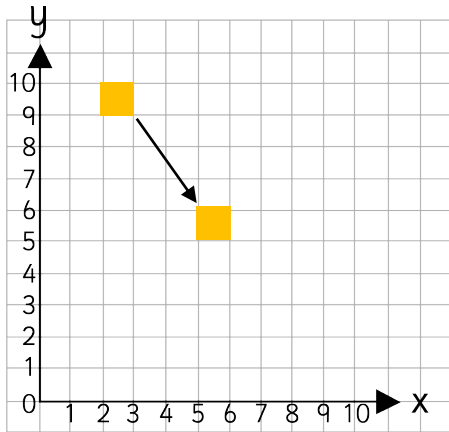
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Vertex/Vertices



The co-ordinate (vertex) or co-ordinates (vertices) where two lines or edges meet to create a 2D shape.

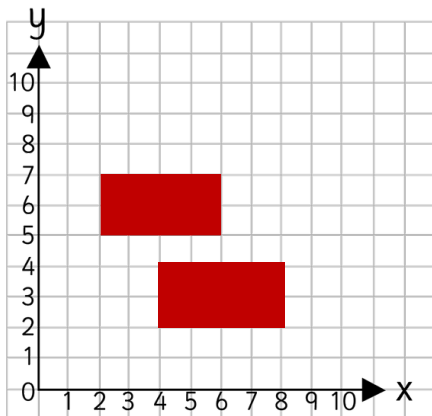
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Translate

To move a shape on a grid to a different position without rotating or resizing it.

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Translation

The movement of a shape on a grid without rotating or resizing it.

The rectangle has been translated
2 right, 3 down.

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Position & Direction Year 4

Position

A place where something is.

The lamb is **above** the birds.

The trees are **behind** the bushes.

The flowers are **next to** the nest.

The rabbit is **on top of** the lamb.

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Position & Direction Year 4

Down

A movement from a higher to lower place.

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Position & Direction Year 4

Co-ordinates

A pair of numbers that shows an exact position on a grid.

The co-ordinates of **+** are **(7, 9)**.

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Position & Direction Year 4

Direction

The path taken when a person or object moves.

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Position & Direction Year 4

Forwards

A movement that is going towards an object.

The car is **moving forwards towards** the house.

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Position & Direction Year 4

First Quadrant

The upper right section of a grid where both the *x* and *y* values are positive.

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Position & Direction Year 4

Up

A movement from a lower to higher place.

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Position & Direction Year 4

Backwards

The opposite of forwards.

The car is **reversing. It is going backwards.**

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Position & Direction Year 4

Vertex/Vertices

The co-ordinate (vertex) or co-ordinates (vertices) where two lines or edges meet to create a 2D shape.

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Position & Direction Year 4

Left

A direction.

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Position & Direction Year 4

Axes

The horizontal and vertical number lines on a grid used to plot co-ordinates.

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Position & Direction Year 4

Translate

To move a shape on a grid to a different position without rotating or resizing it.

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Position & Direction Year 4

Right

A direction.

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Position & Direction Year 4

x-axis

The horizontal number line on a grid. The *x*-axis is always plotted first. e.g.; **(3, 5)**

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Position & Direction Year 4

Translation

The movement of a shape on a grid without rotating or resizing it.

The rectangle has been translated **2 right, 3 down.**

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Position & Direction Year 4

Grid

Equally spaced squares with two perpendicular lines (axes) used to plot points.

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Position & Direction Year 4

y-axis

The vertical number line on a grid. The *y*-axis is always plotted second. e.g.; **(3, 5)**

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Year 4 – Position and Direction Vocabulary Assessment

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Position		Direction		Up	
Down		Forward		Backward	
Up		Down		Left	
Right		Axes		x -axis	
y -axis		Co-ordinates		First Quadrant	
Vertex/vertices		Translate		Translation	

Year 4 – Position and Direction Vocabulary Assessment

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Position		Direction		Up	
Down		Forward		Backward	
Up		Down		Left	
Right		Axes		x -axis	
y -axis		Co-ordinates		First Quadrant	
Vertex/vertices		Translate		Translation	

Year 4 – Position and Direction Vocabulary Assessment

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Position		Direction		Up	
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Year 4 – Position and Direction Vocabulary Assessment

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Position		Direction		Up	
Down		Forward		Backward	
Up		Down		Left	
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y -axis		Co-ordinates		First Quadrant	
Vertex/vertices		Translate		Translation	