LINSLADE SCHOOL

CEDARS UPPER SCHOOL

SATs Information Evening
Mathematics
2026/27

12th May 2027 Paper 1 & Paper 2
13th May 2027 Paper 3

Arithmetic Paper 1:

36 Questions in 30 minutes
Total of 40 marks

Reasoning Paper 2 and 3:

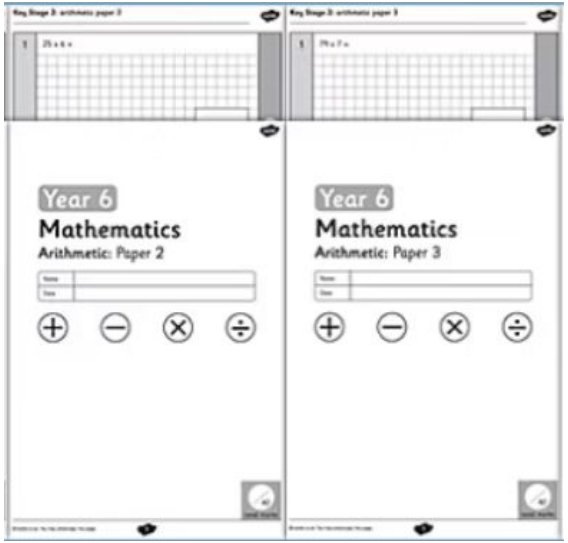
40 minutes and 22-28 questions
35 marks / paper
Total of 110 marks. 56-63 is EXS

Mock exams: w/c 30th Nov, w/c 1st March

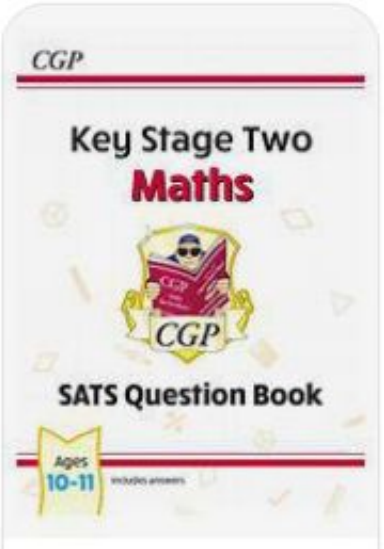
How can you support your child at home

<u>Support with the Home Work</u>: 5mins TTR daily practice

Week 1: Arithmetic practice



Week 2: CGP Questions book



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<u>Support with the Home Work</u>: Times Tables: TTRockstars)

	10	2	5	3	4	8	6	7	9	11	12
10	10 x 10	10 x 2	10 x 5	10 x 3	10 x 4	10 x 8	10 x 6	10 x 7	10 x 9	10 x 11	10 x 12
2	2 x 10	2 x 2	2 x 5	2 x 3	2 x 4	2 x 8	2 x 6	2 x 7	2 x 9	2 x 11	2 x 12
5	5 x 10	5 x 2	5 x 5	5 x 3	5 x 4	5 x 8	5 x 6	5 x 7	5 x 9	5 x 11	5 x 12
3	3 x 10	3 x 2	3 x 5	3 x 3	3 x 4	3 x 8	3 x 6	3 x 7	3 x 9	3 x 11	3 x 12
4	4 x 10	4 x 2	4 x 5	4 x 3	4 x 4	4 x 8	4 x 6	4 x 7	4 x 9	4 x 11	4 x 12
8	8 x 10	8 x 2	8 x 5	8 x 3	8 x 4	8 x 8	8 x 6	8 x 7	8 x 9	8 x 11	8 x 12
6	6 x 10	6 x 2	6 x 5	6 x 3	6 x 4	6 x 8	6 x 6	6 x 7	6 x 9	6 x 11	6 x 12
7	7 x 10	7 x 2	7 x 5	7 x 3	7 x 4	7 x 8	7 x 6	7 x 7	7 x 9	7 x 11	7 x 12
9	9 x 10	9 x 2	9 x 5	9 x 3	9 x 4	9 x 8	9 x 6	9 x 7	9 x 9	9 x 11	9 x 12
11	11 x 10	11 x 2	11 x 5	11 x 3	11 x 4	11 x 8	11 x 6	11 x 7	11 x 9	11 x 11	11 x 12
12	12 x 10	12 x 2	12 x 5	12 x 3	12 x 4	12 x 8	12 x 6	12 x 7	12 x 9	12 x 11	12 x 12

NO DATA	0 - 1 s	1 - 2 s	2 - 3 s	3 - 4 s	4 - 5 s	5 - 6 s	6 - 7 s	7 - 8 s	8 - 9 s	9 - 10 s	> 10 s

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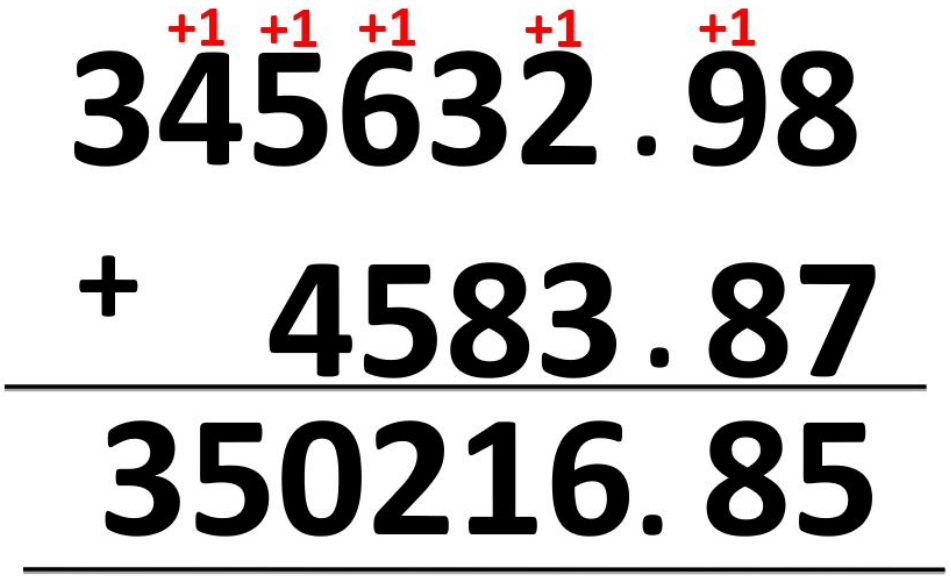
How can you support your child at home

Support with the Home Work: Place values

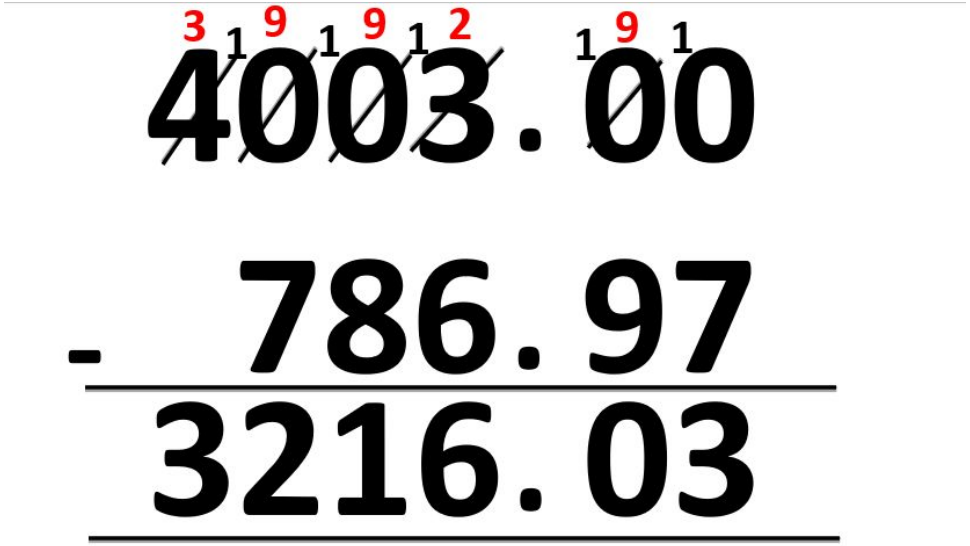
How can you support your child at home

Support with the Home Work: Four Operations



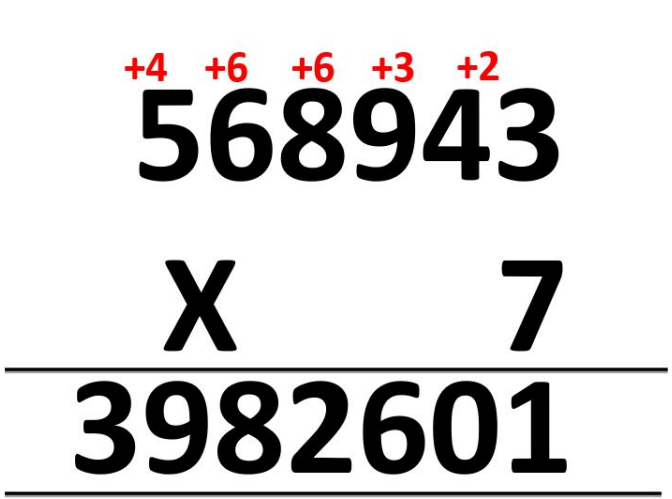
How can you support your child at home

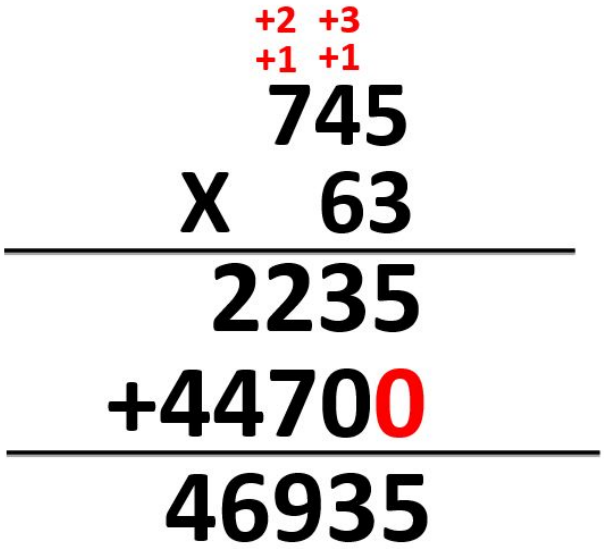
Support with the Home Work: Four Operations



How can you support your child at home

Support with the Home Work: Four Operations





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Support with the Home Work: Four Operations

$$
\begin{array}{r}
0\,7\,4\,4\,1 \\
7\overline{)\,5\,2^{3}0^{2}8\,7}
\end{array}
$$

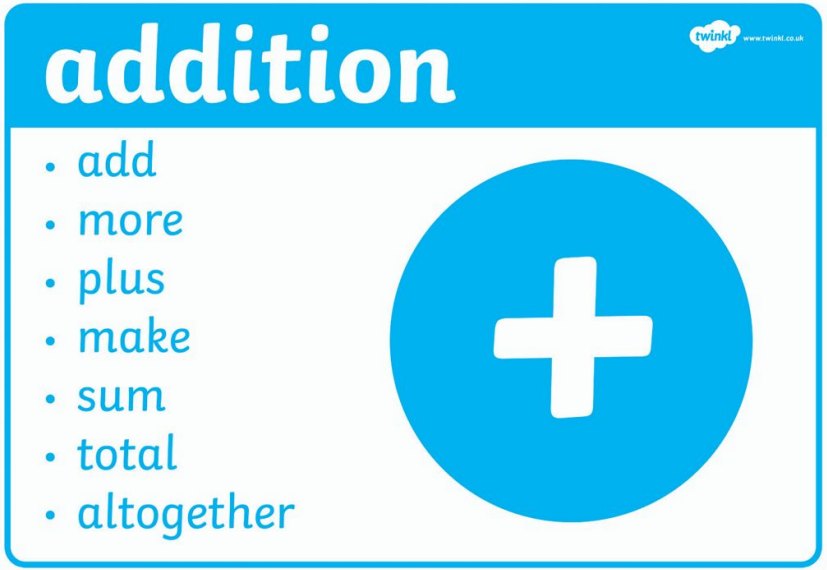
$$
\begin{array}{r}
03472 \\
15\overline{)\,52080} \\
45 \\
\hline
70 \\
60 \\
\hline
108 \\
105 \\
\hline
30 \\
30 \\
\hline
0
\end{array}
$$

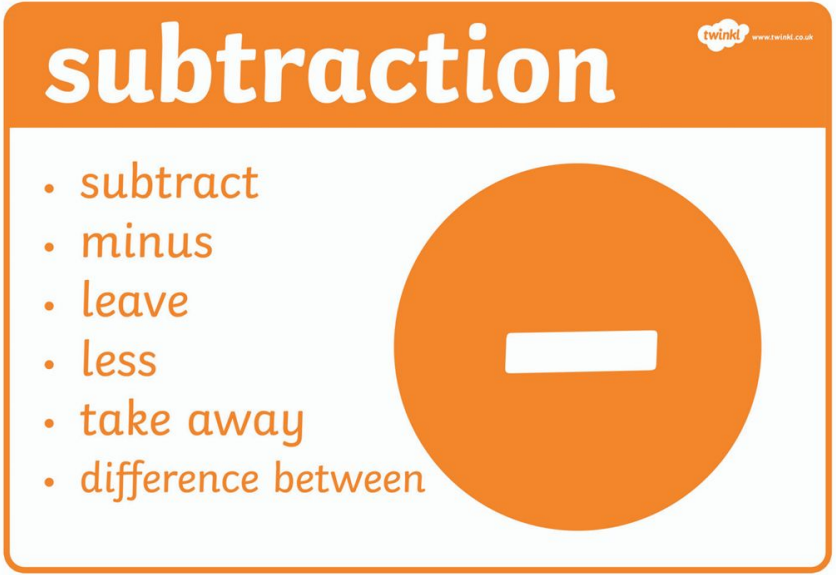
What do I know?

1 X 15 = 15
2 X 15 = 30
3 X 15 = 45
4 X 15 = 60
5 X 15 = 75
6 X 15 = 90
7 X 15 = 105
8 X 15 = 120

How can you support your child at home

<u>Support with the Home Work</u>: Mathematical language





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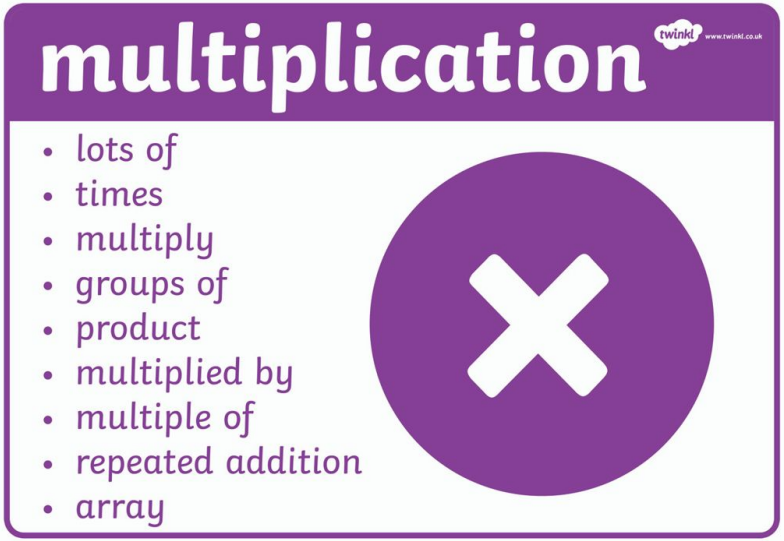
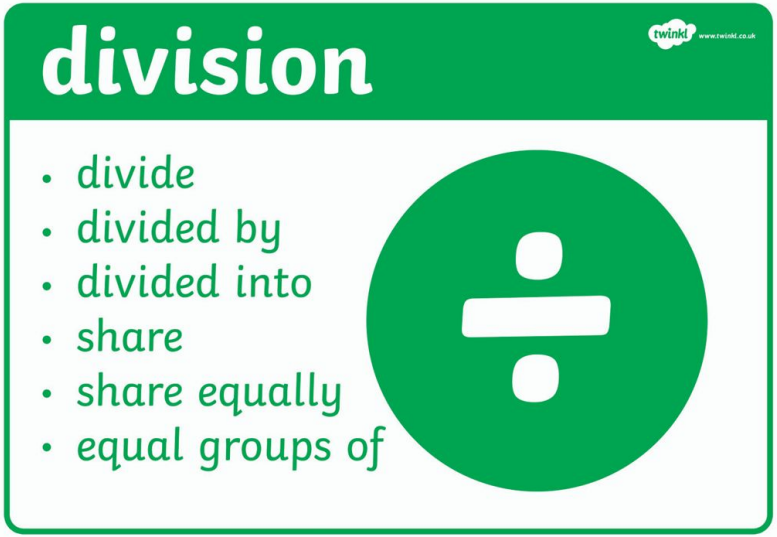
Support with the Home Work: Mathematical language





How can you support your child at home

Support with the Home Work: Use the available resources

www.mymaths.co.uk

Username: linslade

Password: confident

www.ttrockstars.com

www.mathswatch.co.uk

Username: first letter of first name and two letters of surname @linsladeac

eg: John Smith would be jsm@linsladeac

Password: linslade

How can you support your child at home

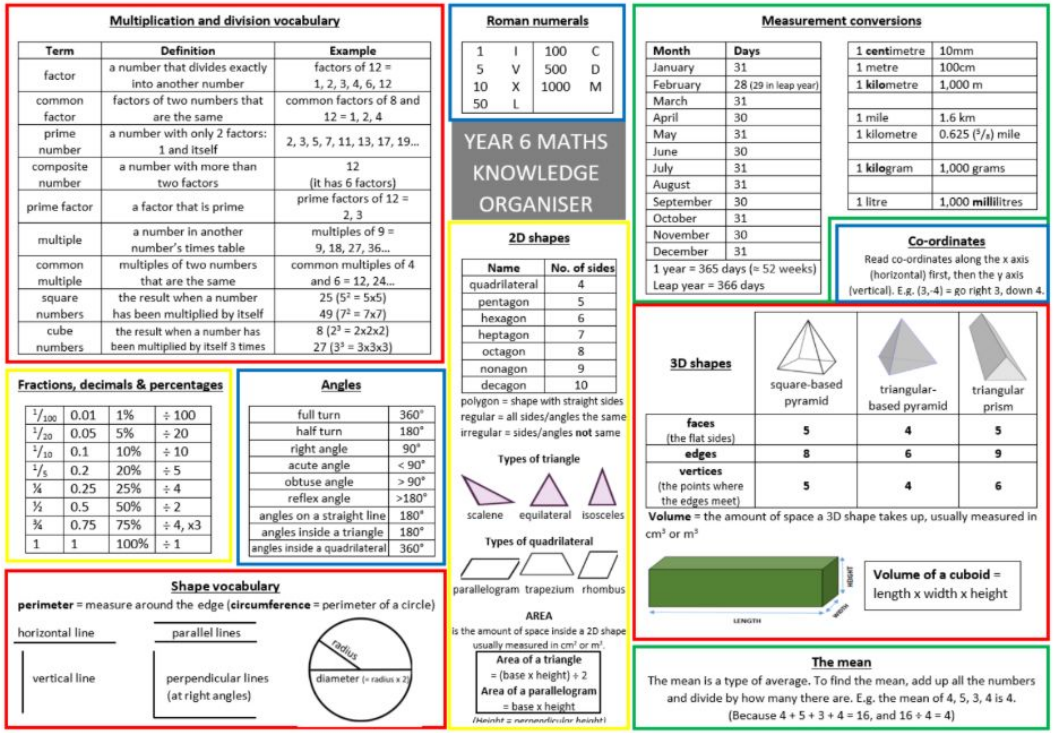
Support with the Home Work: Use the available resources

Year 6 skills link to Maths Watch

Topic	Mathswatch Clip number	Watched	Completed questions
Number one			
Place value	N1A		
Rounding – nearest 10, 100, 1000	N27A		
Addition	N3a and N3b		
Subtraction	N4a and N4b		
Number two			
Multiplication	N15a and 17A		
Division	N16 and N29a		
Decimals ordering	N2B		
Decimals addition and subtraction	N13b and N14b		
Decimals multiplication and Division	N15b and N29b		
Decimals Multiplying by 10, 100 and 1000	N17b		
Geometry 1			
Measuring and drawing angles	G10a, G10b, G10c		
Triangles - properties	G20c		
Rectangles	G20a		
Parallel lines	G18		
Number three			
Equivalent fraction	N23B		
Simplifying fractions	N23c		
Ordering Fractions	N34		
Improper fractions and Mixed numbers	N35		
Fractions Decimals and Percentages	N32		
Adding and Subtracting Fractions	N36		
Multiplying an integer by a fraction	N37a		
Measurement one and two			
Units of measurement	N7a		
Time	N7b		
Conversion	R2		
Negative number	N18		
Area	G9 G20A G20C		
Perimeter	G2 G8a G8b		
Algebra one			
Algebraic vocabulary	A2		
Algebraic notation	A4		
Algebraic simplification	A7a and A7b		
Statistics one			
Pie Charts	S9		
pictograms	S1a and S1b		
Interpreting Bar charts	S2a		

How can you support your child at home

Support tuition sessions during school hours



Multiplication and division vocabulary

Term	Definition	Example
factor	a number that divides exactly into another number	factors of 12 = 1, 2, 3, 4, 6, 12
common factor	factors of two numbers that are the same	common factors of 8 and 12 = 1, 2, 4
prime number	a number with only 2 factors: 1 and itself	2, 3, 5, 7, 11, 13, 17, 19...
composite number	a number with more than two factors	12 (it has 6 factors)
prime factor	a factor that is prime	prime factors of 12 = 2, 3
multiple	a number in another number's times table	multiples of 9 = 9, 18, 27, 36...
common multiple	multiples of two numbers that are the same	common multiples of 4 and 6 = 12, 24...
square numbers	the result when a number has been multiplied by itself	25 (5^2 = 5x5) 49 (7^2 = 7x7)
cube numbers	the result when a number has been multiplied by itself 3 times	8 (2^3 = 2x2x2) 27 (3^3 = 3x3x3)

Roman numerals

1	I	100	C
5	V	500	D
10	X	1000	M
50	L		

YEAR 6 MATHS KNOWLEDGE ORGANISER

Measurement conversions

Month	Days
January	31
February	28 (29 in leap year)
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

1 year = 365 days (≈ 52 weeks)
Leap year = 366 days

1 **centi**metre	10mm
1 metre	100cm
1 **kilo**metre	1,000 m
1 mile	1.6 km
1 kilometre	0.625 ($^5/_8$) mile
1 **kilo**gram	1,000 grams
1 litre	1,000 **milli**litres

Co-ordinates

Read co-ordinates along the x axis (horizontal) first, then the y axis (vertical). E.g. (3,-4) = go right 3, down 4.

2D shapes

Name	No. of sides
quadrilateral	4
pentagon	5
hexagon	6
heptagon	7
octagon	8
nonagon	9
decagon	10

polygon = shape with straight sides
regular = all sides/angles the same
irregular = sides/angles **not** same

Types of triangle

Types of quadrilateral

AREA
is the amount of space inside a 2D shape
usually measured in cm^2 or m^2

Area of a triangle
= (base x height) ÷ 2
Area of a parallelogram
= base x height
(Height = perpendicular height)

3D shapes

	square-based pyramid	triangular-based pyramid	triangular prism
faces (the flat sides)	5	4	5
edges	8	6	9
vertices (the points where the edges meet)	5	4	6

Volume = the amount of space a 3D shape takes up, usually measured in cm^3 or m^3

Volume of a cuboid = length x width x height

Fractions, decimals & percentages

$^1/_{100}$	0.01	1%	÷ 100
$^1/_{20}$	0.05	5%	÷ 20
$^1/_{10}$	0.1	10%	÷ 10
$^1/_5$	0.2	20%	÷ 5
¼	0.25	25%	÷ 4
½	0.5	50%	÷ 2
¾	0.75	75%	÷ 4, x3
1	1	100%	÷ 1

Angles

full turn	360°
half turn	180°
right angle	90°
acute angle	< 90°
obtuse angle	> 90°
reflex angle	>180°
angles on a straight line	180°
angles inside a triangle	180°
angles inside a quadrilateral	360°

Shape vocabulary

perimeter = measure around the edge (**circumference** = perimeter of a circle)

horizontal line
vertical line
parallel lines
perpendicular lines (at right angles)

The mean

The mean is a type of average. To find the mean, add up all the numbers and divide by how many there are. E.g. the mean of 4, 5, 3, 4 is 4.
(Because 4 + 5 + 3 + 4 = 16, and 16 ÷ 4 = 4)

Thank you!