

6) Simplify the answer if

you can.

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 $15 + 3\frac{3}{4} = 18\frac{3}{4}$

Prime numbers

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Fraction	Decimal	Percentage
<u>1</u> 8	0.125	12.5%
$\frac{2}{8}$ or $\frac{1}{4}$	0.25	25%
3 8	0.375	37.5%
$\frac{4}{8}$ or $\frac{1}{2}$	0.5	50%
<u>5</u> 8	0.625	62.5%
$\frac{6}{8}$ or $\frac{3}{4}$	0.75	75%
<u>7</u> 8	0.875	87.5%
$\frac{8}{8}$ or 1 whole	1	100%

@SarahFarrellKS2

A prime number is a whole number greater than 1 with no divisors except 1 and itself.

2 is the only even prime number.

There are no prime numbers that end in 5, except for 5.

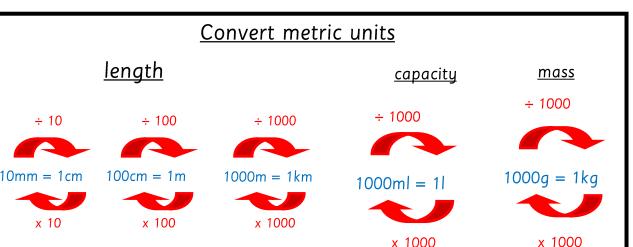
The digits can't add up to 3, except 3.

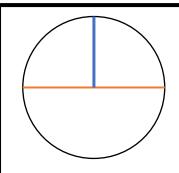
A square number is the product of multiplying a number by itself (e.g. 3 x 3)

$1^2 = 1$	$7^2 = 49$
$\cdot 2^2 = 4$	8²= 64
$3^2 = 9$	$9^2 = 81$
$4^2 = 16$	$10^2 = 100$
$5^2 = 25$	$11^2 = 121$
$6^2 = 36$	$12^2 = 144$

A cube number is the product of multiplying a number by itself, then by itself again (e.g. 2 x 2 x 2)

$1^3 = 1$	$7^3 = 343$
$2^3 = 8$	$8^3 = 512$
3 ³ = 27	$9^3 = 729$
$4^3 = 64$	10³= 1000
$5^3 = 125$	11³= 1331
$6^3 = 216$	$12^3 = 1728$





The circumference is the distance around the outside of the circle.

The diameter is a straight line running from one point of the circle to another, going straight through middle. It is twice the radius. The radius is a straight line running from the edge of a circle the middle. It is half the diameter.

Quadrilaterals



Rectangle (4 right angles, opposite sides equal)



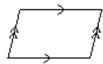
Rhombus (parallelogram with 4 equal sides)



Square (4 right angles and 4 equal sides)



Trapezium (two sides are parallel)



Parallelogram (two pairs of parallel sides and opposite sides eaual)



Kite (two pairs of adjacent sides of the same length)

<u>Triangles</u>



Equilateral (3 equal sides and 3 equal angles)

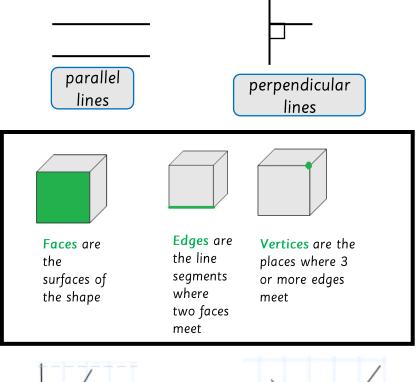


Isosceles (2 equal sides and 2 equal angles)

Scalene (no equal sides and no equal angles)

<u>Polygons</u>

3 sides	Triangle
4 sides	Quad rilateral
5 sides	Penta gon
6 sides	Hexa gon
7 sides	Hep tagon
8 sides	Octa gon
9 sides	Nonagon
10 sides	Decagon





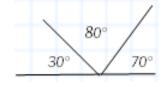
Angles in a right angle

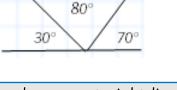
always add up to 90°

1 curved surface

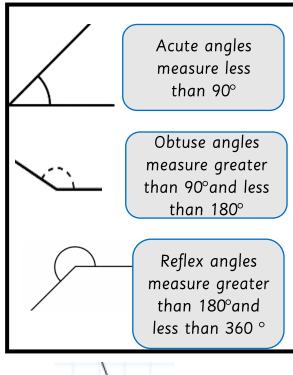
1 curved edge

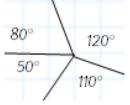
1 apex





Angles on a straight line (and in a triangle) always add up to 180°





Angles around a point (and in a quadrilateral) always add up to 360°

12 edges

6 vertices

Cube 6 square faces 12 edges 8 vertices	Cubold 6 faces 12 edges 8 vertices	Sphere 1 curved surface 0 edges 0 vertices
Tetrahedron 4 triangular faces 6 edges 4 vertices	Triangular prism 5 faces 9 edges 6 vertices	Cylinder 2 circular faces 1 curved surface 2 curved edges 0 vertices
Cone 1 circular face	Square-based pyramid 5 faces	Octahedron 8 faces

8 edges

5 vertices