

**Q: What is  $\frac{1}{10}$  as a decimal?**  
A: 0.1

**Q: What is  $\frac{1}{4}$  as a decimal?**  
A: 0.25

**Q: What is  $\frac{1}{5}$  as a decimal?**  
A: 0.2

**Q: What is  $\frac{1}{100}$  as a decimal?**  
A: 0.01

**Q: Product means...**  
A: times / multiply

**Q: Sum means...**  
A: Add

**Q: Difference means...**  
A: Take away / Subtract

**Q: Total means...**  
A: Add

**Q: Share means...**  
A: Divide

**Q: How many degrees in a straight line?**  
A: 180

**Q: How many degrees in a right angle?**  
A: 90

**Q: How many degrees in a full turn?**  
A: 360

**Q: What does an angle measure?**  
A: An angle is a measurement of a turn.

**Q: How many centimetres in a metre?**  
A: 100

**Q: How many metres in a kilometre?**  
A: 1,000

**Q: How many millimetres in a metre?**  
A: 1,000

**Q: How many millimetres in a centimetre?**  
A: 10

**Q. Percentage means...**

A: Out of 100

**Q. To find 10% you...**

A: Divide by 10

**Q. To find 50% you...**

A: Divide by 2

**Q: To find 5% you...**

A: Divide by 10 divide by 2

**Q: To find 1% you...**

A: Divide by 100

**Q: If we times by 10 we...**

A: move **1 space** to the **left**.

**Q: If we times by 100 we...**

A: move **2 spaces** to the **left**.

**Q: If we divide by 10 we...**

A: move **1 space** to the **right**.

**Q: If we divide by 100 we...**

A: move **2 spaces** to the **right**.

**Q. How many hours in a day?**

A: 24

**Q. How many minutes in an hour?**

A: 60

**Q: How many seconds in a minute?**

A: 60

**Q: How many days in a week?**

A: 7

**Q: How many days in a year?**

A: 365 (366 on a leap year)

**Q: How many weeks in a year?**

A: 52

**Q. 50% as a fraction and a decimal**

$\frac{1}{2}$  and 0.5

**Q. 25% as a fraction and a decimal**

$\frac{1}{4}$  and 0.25

**Q. 12.5% as a fraction and a decimal**

$\frac{1}{8}$  and 0.125

**Q. 10% as a fraction and a decimal**

$\frac{1}{10}$  and 0.1

**Q. 1% as a fraction and a decimal**

$\frac{1}{100}$  and 0.01

**Q. What is the rounding rap?**

Find the place value and  
circle that digit

Move to the right and  
underline it

0-4 the circle stays the same  
but 5-9 adding 1 is the game.

Flex your muscles like a hero

Numbers to the right  
change to zero

All the other numbers  
stay the same

Yo! You're a winner in the rounding game!

**Q. To find a fraction of a number we...?**

“Divide by the bottom; times it by the top!” (Divide by the denominator and multiply your answer by the numerator)

**Q. To complete coordinates we remember...**

A. Along the corridor, and up/down the stairs.

**Q. Which months have 30 days?**

A. September, April, June and November

**Q. Which months have 31 days?**

A. All the other months except February  
which has 28 and 29 every leap year

**Q: Spell pyramid**

A: pyramid

**Q: What is the name for a 3D shape whose two opposite faces are the same 2D shape and the other faces are parallelograms? (The 2D shape is “repeated” or “stretched”).**

A: prism

**Q: What is a polygon?**

A: A polygon is a 2D shape with straight sides.

**Q: What are the prefixes of 2D shapes in order starting with 3 sides and finishing with ten?**

A: tri quad pent hex hep oct non dec  
3 4 5 6 7 8 9 10

**Q: What is an improper fraction?**

A: An improper fraction is greater than one. It has a numerator larger than its denominator.

**Q: What is a mixed number?**

A: A mixed number is greater than one. It has the number of wholes plus the extra fraction.

**Q. What does ascending mean?**

A. “Going up” – smallest to largest

**Q. What does descending mean?**

A. “Going down” – largest to smallest

**Q: What is a prime number?**

A: A prime number is a number which only has two factors.

**Q: What is a square number and what is 2<sup>2</sup>?**

A: The product of a number multiplied by itself.  $2 \times 2 = 4$

**Q: What is a cube number and what is 2<sup>3</sup>?**

A: The product of a number multiplied by itself twice.

$$2 \times 2 \times 2 = 8$$

**Q: What are the first 9 prime numbers?**

A: 2, 3, 5, 7, 11, 13, 17, 19, 23

**Q. What are the first 10 square numbers?**

A: 1, 4, 9, 16, 25, 36, 49, 64, 81, 100

**Q: What's the difference between a factor and a multiple?**

A: Factors are whole numbers that go in to other numbers  
Multiples are whole numbers we make from other numbers  
(answers in that times table).

**Q: What are the first 9 multiples of 25?**

A: 25 50 75 100  
125 150 175 200 225

**Q: What are the first 9 multiples of 15?**

A: 15 30 45 60  
75 90 105 120 135

**Q: How do you know if a number is a multiple of 3?**

A: Add the digit total and see if the answer is a multiple of 3.

**Q: Area is...**

A: base times height

**Q: Perimeter means...**

A: length

**Q: Volume means...**

A: base times height times depth

**Q: Area of a triangle...**

A: base times height divided by 2!

**Q. If the length is measured in cm, what are the units for area and volume?**

A: area =  $\text{cm}^2$  volume =  $\text{cm}^3$

**Q: What is the Long Division method?**

A: Divide Multiply Subtract Bring Down  
(Does McDonald's Sell Burgers)

**Q: What are the Roman Numerals in order smallest to largest?**

A: I Value Xylophones Like Cows Do Milk  
 $I = 1, V = 5, X = 10, L = 50, C = 100, D = 500, M = 1,000$

**Q: What are the four steps to long multiplication?**

1. Multiply the ones; 2. Magical Zero; 3. Multiply the tens; 4.  
Add them together.

**Q. What does BIDMAS stand for?**

A: Brackets ()  
Index/Indices<sup>2</sup>  
Division/Multiplication  
Addition/Subtraction

**Q: of means...**

A: Times

**Q: To find a fraction of a number you...**

A: Divide by the bottom  
Times it by the top

**Q. Percentage means...**

A: Out of 100

**Q. To find 10% you...**

A: Divide by 10

**Q. To find 50% you...**

A: Divide by 2

**Q: To find 5% you...**

A: Divide by 10 divide by 2

**Q: To find 1% you...**

A: Divide by 100

**Q: What is half of 1?**

A: 0.5

**Q: What is half of 5?**

A: 2.5

**Q: What is half of 30?**

A: 15

**Q: What is half of 90?**

A: 45

Fractions Song

Multiplying fractions? No big problem  
Top times top and bottom times bottom  
If you're timesing by a number that's whole  
Times it by the top to reach your goal  
Dividing fractions is as easy as pie  
Flip the second fraction and multiply  
Diving a fraction by a number that's whole  
Times the bottom number then you're on a roll  
If adding or subtracting is your game  
First the bottom numbers must be the same  
Change it by multiply or divide  
Do the same to the top you've been advised  
And don't forget to simplify  
Before it's time to say Goodbye!

**Q. What key fact do you know about miles and kilometres?**

5 miles is 8 kilometres

**Q. The perimeter (length) around a circle is called...**

The circumference

**Q. A straight line from the centre of a circle to the circumference is the...**

Radius

**Q. A straight line through the centre of a circle is called the**

Diameter

**Q. Translate means**

Move it move it!

**Q. A vertex is a...**

Point or corner

**Q. An angle of 90 degrees is a...**

Right angle

**Q. An angle less than 90 degrees is...**

Acute

**Q. An angle between 90 and 180 degrees is...**

Obtuse

**Q. An angle greater than 180 degrees is...**

A reflex angle

**Q. How do you find the “mean”?**

Add all the numbers together,  
then divide by how many there are.

**Q. How many pence in £1?**

There are 100 pence in one pound.

**Q. What do angles in a triangle add up to?**

180 degrees

**Q. What do angles in a quadrilateral add up to?**

360 degrees

**Q. How do you know if a number is even?**

It ends in 0 2 4 6 8

**Q. How do you know if a number is odd?**

It ends in 1 3 5 7 9

**Q. How do you know if a number is a multiple of 5?**

It ends in 5 or 0

**Q. How do you know if a number is a multiple of 3?**

Add the digit total and check if it's in the three times table.

**Q. How do you know if a number is a multiple of 9?**

The digit total will be 9.