

Basic Skills review

Instructions

Make a copy of this document.

If you have earphones you can use them.

You will need your notebook and a pencil.

Task

You are going to do some self paced study on basic skills.

Choose a topic that you need more study on.

You can pick as many as you like and work on them in any order.

Practice the questions in your notebook alongside the video.

- 1) [Dividing decimals](#)
- 2) [Multiplying decimals](#)
- 3) [Metric conversion](#)
- 4) [Adding and subtracting fractions](#)
- 5) [Comparing decimals](#)
- 6) [adding and subtracting negative numbers](#)
- 7) [LCM and GCF](#)
- 8) [Prime factorisation](#)
- 9) [Order of operations](#)
- 10) [Fraction to decimal conversion](#)

Geometry review

Angle Acronyms (Not sure what an acronym is, look [here](#))

1) 180 DIAT = 180 Degrees In A Triangle	6) 5 SIAP
2) 360 DIAC	7) AAAE
3) 180 DIASL	8) CAAE
4) 360 DIAQ	9) ZAAAA
5) 90 DIARA	10) 6 SIAH

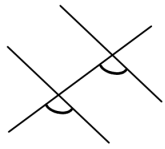
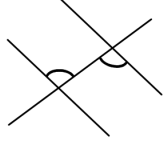
Make up an acronym to describe the following:

- an equilateral triangle
- an isosceles triangle
- a scalene triangle
- parallel lines
- perpendicular lines

See if anyone can solve your acronym

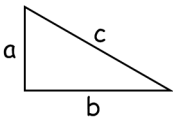
match up angle facts(1)

Write the coordinates of angles that match.

4	parallelogram	isosceles trapezium	right-angled isosceles triangle	
3	no lines of symmetry	alternate angles	60°	base angles of 45° each
2	quadrilateral with 1 line of symmetry	sum of angles in a quadrilateral	360°	corresponding angles
1	congruent	corresponding sides and angles of 2 shapes are equal	each angle in an equilateral triangle	
0	1	2	3	4

match up angle facts(2)

Write the coordinates of any lines, angles and shapes that match.

4	exterior angles of a square	exterior angles of a regular pentagon	120°	108°
3	36°	exterior angle of an equilateral triangle	interior angle of an equilateral triangle	90°
2		interior angle of a regular pentagon	60°	exterior angle of a regular decagon
1	number of sides in a decagon	72°	$b^2 = c^2 - a^2$	10 sides
0	1	2	3	4

Extension

Answer questions 1-8 on videonot.es [Discovering Pythagoras of Samos](https://www.videonot.es/Discovering-Pythagoras-of-Samos)