

Year 5 – Maths Home Learning

Summer Term 6

This term, please practise with your child:

- Know facts linked to metric ↔ imperial
 - 1 inch is approximately 2.5 centimetres
1 inch ≈ 2.5 cm
 - 1 kilogram is approximately 2 pounds
1 kg ≈ 2 lbs
 - 1 pint is approximately 560ml
1 pint ≈ 560ml

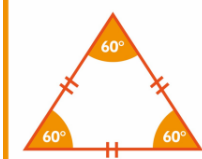

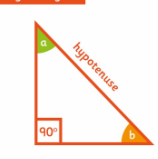
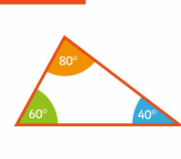
Recap on geometry facts from Year 4

- Recognise regular polygons
- Name types of triangles (isosceles, equilateral and scalene)
- Name types of quadrilaterals (parallelogram, rhombus and trapezium)


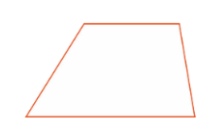

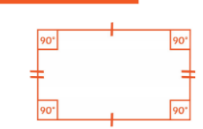

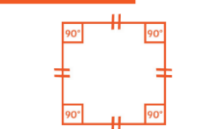
Key Vocabulary

polygon	a 2D shape with straight edges
regular polygon	a polygon with the same size length edges and internal angles
irregular polygon	a polygon with different size length edges and internal angles
quadrilateral	a four sided 2D shape

Types of Triangles (isosceles, equilateral and scalene)

equilateral  3 equal sides 3 equal angles (60°)	isosceles  2 equal sides 2 equal angles	right angle  One angle is a right angle (90°) Two other angles add up to 90° The longest side is called the hypotenuse	scalene  All sides are different All angles are different
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Types of Quadrilaterals

parallelogram  2 pairs of equal sides Diagonally opposite angles are equal	trapezium  1 pair of sides are parallel	rhombus  All sides are equal Diagonally opposite angles are equal
rectangle  2 pairs of equal parallel sides 4 right angles (90°)	kite  2 pairs of sides of equal length 1 pair of opposite angles is equal.	square  4 equal parallel sides 4 right angles (90°)

Top Tips!

The secret to success is practising little and often. Can you practise these facts on your walk or drive to school?

Fact of the day - you don't need to learn them all at once.

'Free facts' – If you know that 6 + 4 = 10 then you know that 60 + 40 = 100; 0.6 + 0.4 = 1; 20 – 4 = 16.

Times Tables

This term Year 5 will be revising all times tables up to 12 x 12.

	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Maths Games to play at home!

FizzBuzz

- Players sit in a circle. You can play this game with a partner but is better in a small group. Each player starts with 5 lives.
- The first player says "one", and the players count upwards in turn.
- If a number is divisible by three, the player says "fizz" instead of the number.
- If a number is divisible by five, the player says "buzz" instead of the number.
- If a number is divisible by both three and five (i.e., a multiple of 15), the player says "fizzbuzz".
- A player who hesitates or makes a mistake loses a life.
- The last player remaining is the winner.

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

Dicey!



Each player creates a grid made of 5 boxes:

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Roll dice and each player puts number into their grid:

				3
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Repeat until the grid is full:

3	6	1	3	2
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The player with the highest number gets a letter (e.g. D - I - C - E)

First player to make the word **DICEY** wins!

For more game ideas go to the school website for the 'Bare Necessities' game packs <https://stratford-sub-castle.wilts.sch.uk/maths-at-home/>