

Maths, Year 3, Autumn 1



What I will know by the end of the Autumn 1 term

Arithmetic	I can add and subtract with 1-digit numbers, halves, quarters and mixed numbers.
	I can add or subtract, up to 4 digit numbers, using column method (with a tricky ones column.)
	I can calculate fractions of amounts.
Geometry	I can use a ruler to draw and measure straight line segments in cm and mm.
	I can name polygons (triangle, quadrilateral (rectangle and square), pentagon, hexagon, heptagon and octagon)
	I can recognize the difference between clockwise and anticlockwise turns.
Data and Measure	I can write and say the digital form as well as draw hands on an analogue clock face. I can convert time from digital to analogue.
	I can calculate time durations and differences.
	I can copy grids / bar charts accurately on squared paper.
Reasoning	I can order up to 4 digit numbers in ascending and descending order.
	I can solve word problems using my vertical addition / subtraction method.
	I can count in 2s, 5s, 10s and 3s forwards and backwards.
	I'm working towards recalling multiplication and division facts from my 2x, 5x, 10x and 3x tables.

	H	T	O
	2	8	1
+	6	3	4
	9	1	5
	1		

	H	T	O
	1	4 5	12
-		2	8
	1	2	4

Activities to try at home & Useful Links

- Practise **telling the time** with a watch or clock at home.
- Practise **telling the time** with this game:
<https://mathsframe.co.uk/en/resources/resource/116/telling-the-time>
- Practise **ordering up to 4 digit numbers** with this game:
<https://ictgames.com/mobilePage/countingCaterpillar/index.html>
- Practise counting in **2s, 5s, 10s and 3s** with this game:
https://www.abcya.com/games/number_bubble_skip_counting
- Go on a **shape** hunt in your house/garden, how do you know what shape it is?
- Practice maths skills on **My Maths** and **TTRockstars**.

Useful Vocabulary

Ascending order	Ordering numbers from smallest to biggest.
Anticlockwise	The opposite direction to the way in which the hands of a clock move round.
Descending order	Ordering numbers from biggest to smallest.
Place value	The value of each digit in a number e.g. Th, H, T, O (Thousands, Hundreds, Ty/Tens and Ones).
Polygon	2d shapes with 3 or more straight sides. (e.g. a circle is not a polygon as it has a curved side.)

Table 2

$2 \times 0 = 0$
$2 \times 1 = 2$
$2 \times 2 = 4$
$2 \times 3 = 6$
$2 \times 4 = 8$
$2 \times 5 = 10$
$2 \times 6 = 12$
$2 \times 7 = 14$
$2 \times 8 = 16$
$2 \times 9 = 18$
$2 \times 10 = 20$
$2 \times 11 = 22$
$2 \times 12 = 24$

Table 3

$3 \times 0 = 0$
$3 \times 1 = 3$
$3 \times 2 = 6$
$3 \times 3 = 9$
$3 \times 4 = 12$
$3 \times 5 = 15$
$3 \times 6 = 18$
$3 \times 7 = 21$
$3 \times 8 = 24$
$3 \times 9 = 27$
$3 \times 10 = 30$
$3 \times 11 = 33$
$3 \times 12 = 36$

Table 5

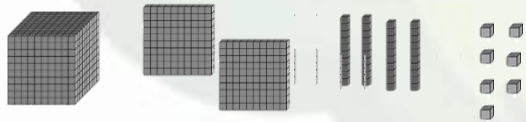
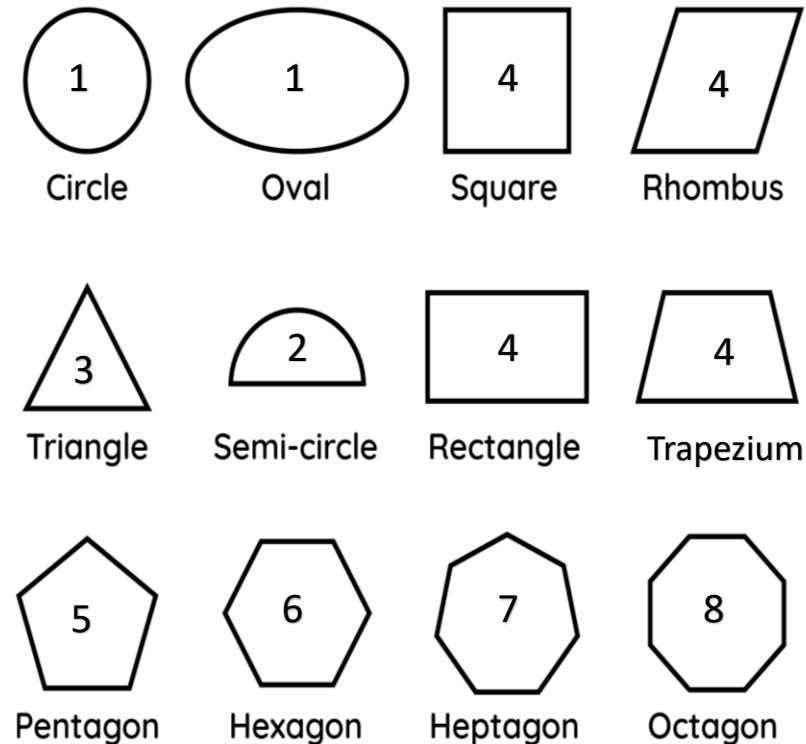
$5 \times 0 = 0$
$5 \times 1 = 5$
$5 \times 2 = 10$
$5 \times 3 = 15$
$5 \times 4 = 20$
$5 \times 5 = 25$
$5 \times 6 = 30$
$5 \times 7 = 35$
$5 \times 8 = 40$
$5 \times 9 = 45$
$5 \times 10 = 50$
$5 \times 11 = 55$
$5 \times 12 = 60$

Table 10

$10 \times 0 = 0$
$10 \times 1 = 10$
$10 \times 2 = 20$
$10 \times 3 = 30$
$10 \times 4 = 40$
$10 \times 5 = 50$
$10 \times 6 = 60$
$10 \times 7 = 70$
$10 \times 8 = 80$
$10 \times 9 = 90$
$10 \times 10 = 100$
$10 \times 11 = 110$
$10 \times 12 = 120$



2-D Shapes



1 2 4 7
↓ ↓ ↓ ↓
Th H T O

Thousands Hundreds Tens / Ty Ones / Cps

