0

1. You need to be able to count up in 3s, 4s, 8s,6s and 9s.
You will move on to 7s, 11s and 12s.
Use the counting stick. Start from 0. Can you count on? In 4s? In 6s? In 9s?
e.g. 0 – 3 - 6 – 9 – 12 – 15 – 18 – 21 – 24 – 27 – 30
What have I counted up in?

Can you count backwards?

6 x 1 = 6	7 x 1 = 7	9 x 1 = 9
6 x 2 = 12	7 x 2 = 14	9 x 2 = 18
6 x 3 = 18	7 x 3 = 21	9 x 3 = 27
6 x 4 = 24	7 x 4 = 28	9 x 4 = 36
6 x 5 = 30	7 x 5 = 35	9 x 5 = 45
6 x 6 = 36	7 x 6 = 42	9 x 6 = 54
6 x 7 = 42	7 x 7 = 49	9 x 7 = 63
6 x 8 = 48	7 x 8 = 56	9 x 8 = 72
6 x 9 = 54	7 x 9 = 63	9 x 9 = 81
6 x 10 = 60	7 x 10 = 70	9 x 10 = 90
6 x 11 = 66	7 x 11 = 77	9 x 11 = 99
6 x 12 = 72	7 x 12 = 84	9 x 12 = 108

11 x 1 = 11	12 x 1 = 12
11 x 2 = 22	12 x 2 = 24
11 x 3 = 33	12 x 3 = 36
11 x 4 = 44	12 x 4 = 48
11 x 5 = 55	12 x 5 = 60
11 x 6 = 66	12 x 6 = 72
11 x 7 = 77	12 x 7 = 84
11 x 8 = 88	12 x 8 = 96
11 x 9 = 99	12 x 9 = 108
11 x 10 = 110	12 x 10 = 120
11 x 11 = 121	12 x 11 = 132
11 x 12 = 132	12 x 12 = 144

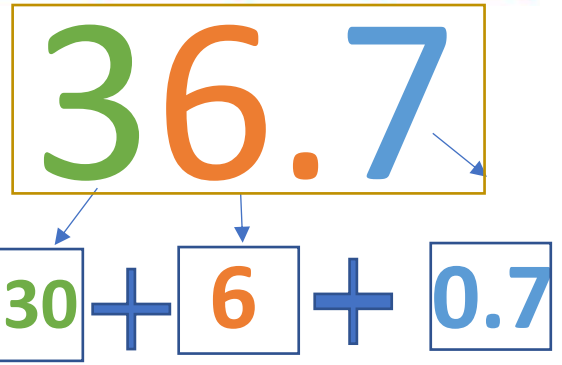
Place value

Which number does each digit represent?

53 174 3976

2.5 17.2 9845

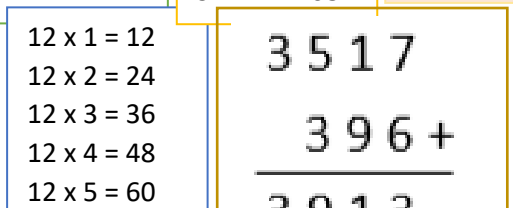
One Thousands	Hundreds	Tens	Ones	Decimal point	Tenths
				.	



2. Use your knowledge of place value to add and subtract numbers from each other mentally.
e.g. 243 + 142 = 385. 243 + 100 = 343. + 40 = 383. +2 = 385
Try these
156 + 422 =
287 – 183 =
374 + 527 =
3356 + 333 =
8675 - 521 =
4253 + 736 =
Can you create your own?

5. Can you count forwards and backwards from a decimal in tenths?
e.g. 36.7. forwards – 36.7, 36.8, 36.9, 37.0, 37.1.
backwards – 36.6, 36.5, 36.4, 36.3, 36.2
Try these
78.5
45.8
63.2
Can you create your own questions?

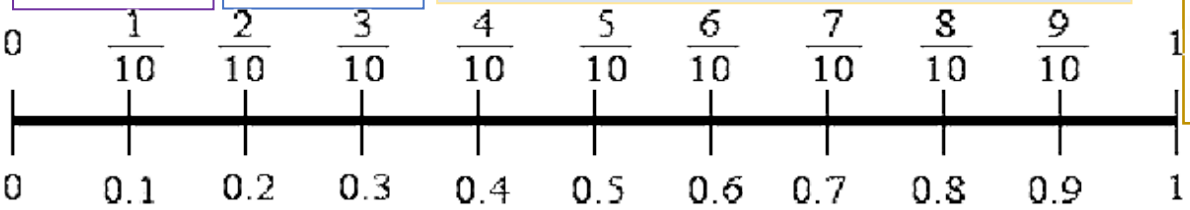
6. Order and compare decimals, smallest to largest
e.g. 16.2, 16.8, 17.1, 17.9
Can you order these sets then make your own?
a. 157.7, 157.3, 135.7, 137.3
b. 392.1, 321.9, 321.2, 392.9
c. 442.2, 664.2, 424.2, 442.6
d. 283.8, 283.3, 333.8, 333.3
e. 167.2, 276.2, 167.7, 272.6

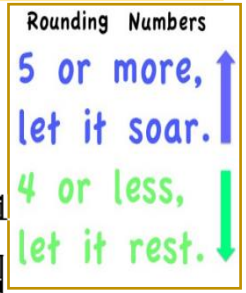


3. Use your knowledge of place value to add three-digit numbers using column addition.
Line up your numbers using place value before adding.
Remember to carry any tens across into the next column.
Try these then make your own.

458 + 514 =
295 + 358 =
173 + 657 =
267 + 559 =
132 + 869 =
731 + 172 =

4. You need to know your times table facts up to 12 x 12.
Some of the trickier ones are above to help you practise.
- Use TT Rockstars.
- Use https://www.timestables.co.uk/ as a free online resource.





7. Rounding numbers
Practise rounding numbers to the nearest 10, 100 and 1000 and to the nearest whole number.
What is 3.6 to the nearest whole number?
4 – I round up because 0.6 is more than 0.5.
Use the number line below to help you.
Which whole numbers do these round to?
4.3, 27.6, 11.5, 55.9, 89.2, 43.7
Set your own challenge.