



CLITHEROE ST JAMES' C.E. PRIMARY SCHOOL

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I can add or subtract 10 to a number

Key vocabulary

Ten - a group of ten, for example 20 is made up of 2 tens.

One - an individual number that does not make a full ten, e.g., 34 is made up of 3 tens and 4 ones.

Tens frame - a 2×5 grid that allows children to group together objects into tens to help with efficient counting.

Digit- number

Questions to ask at home

How many **tens** are there in 37?

Which digit tells you how many **ones** there are in 45?

Do both the **digits** in 44 have the same value?

Which number is 3 **tens** and 7 **ones**?

What is the value of your door number?

What is **10 more** than 37 or **10 less**?

Children need to be able know that when you add ten to a number, only the tens digit changes. The aim is for them to answer these kinds of questions instantly.

Children should be able to see that only the tens digit changes when adding ten to a number. For example:

$$2 + 10 = 12$$

$$5 + 10 = 15$$

$$10 + 10 = 20$$

$$16 + 10 = 26$$

$$23 + 10 = 33$$

$$31 + 10 = 41$$

$$37 + 10 = 47$$

$$45 + 10 = 55$$

$$57 + 10 = 67$$

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



Top Tips and Things to try

The secret to success is practising **little** and **often**. Use time wisely. Can you practice KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a fact of the day.

Questions - These can include missing number questions too e.g.

$$2 + \bigcirc = 12 \text{ , or } \bigcirc + 10 = 53.$$

Use practical resources - There are 3 packets of biscuits which contains 10 biscuits & 3 separate biscuits. How many biscuits are there? What if I have another packet, how many do I have now?

Make a poster - Make a poster showing the tens and ones in a number and 10 more or 10 less.

Counting Objects - Look around your home, can you find 25 objects? Count them out loud. Add 10 more or take 10 away.

Topmarks Games - Daily 10 - <https://www.topmarks.co.uk/maths-games/daily10>

Number hunt - Go for a walk and see how many numbers you can spot, what is 10 more or less, support your child to read each number aloud and talk about the number of tens and one in each number.

Websites: <https://www.youtube.com/watch?v=9NRdxc0XjOg>

