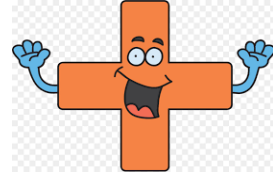


# Maths



This week we are going to do some more learning about addition as well as some thinking about mathematical language and signs. Your challenges are below. Have fun, Team Y1! I can't wait to see all your fantastic Maths learning!

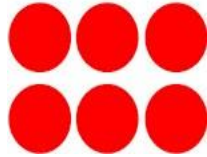


1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



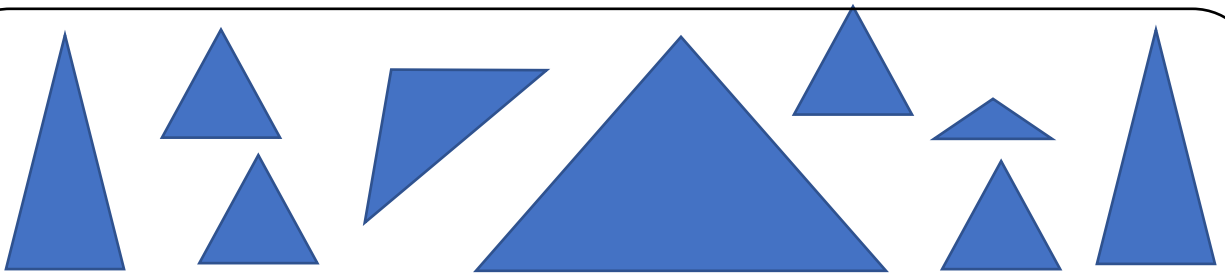
### Challenge 1

How many are there altogether? Count the shapes, then write the correct number for each picture to say how many of those shapes there are altogether. Best looking eyes! 🧐



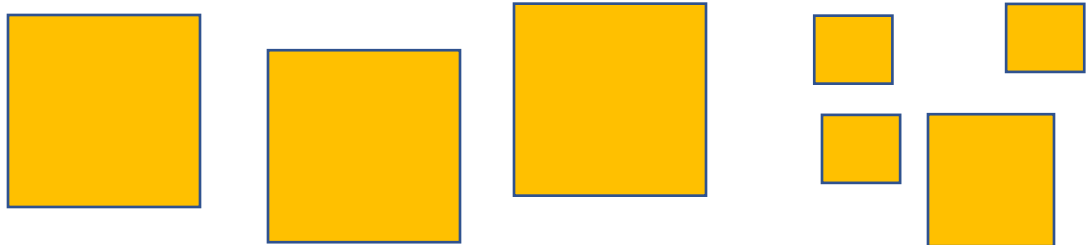
There are

circles altogether.



There are

triangles altogether.



There are

squares altogether.



There are

rectangles altogether.





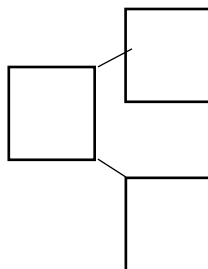
## Challenge 2

Now we are going to use addition again, looking at Part-Part-Whole and our Number Bonds.

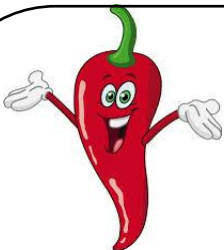
10 = 7 + 3

□ + 2 = 10

10 = □ + 4



$$\square = \square + \square$$



**Spicy Challenge:** Draw the pictures AND add the Part-Part-Whole model for the following Number Sentences, using your knowledge of our Number Bonds to 20.

$$15 + 5 = 20$$

$$20 = 18 + 2$$

$$4 + 16 = 20$$

$$12 + 8 = 20$$

$$20 = 3 + 17$$



**Hot Challenge** Now write your own Number Sentence below (different from the ones above!) with a total of 20 (or more, if you like!). Add the pictures and the Part-Part-Whole model.



### Challenge 3

Try this Problem Solving and Reasoning Challenge using our learning from all the activities above:

<https://nrich.maths.org/150/note>

[Don't worry if you don't have dice at home - you can use these **interactive dice** here: <https://nrich.maths.org/150/note>]



Have fun, Maths Adventurers!

