



# **Maths**

## **Monday 9/11/2020**



# Lesson Aims

**LO: To know the pairs of numbers that add together to make a given total.**

- I can partition a total number of cubes using the part, part , whole frame
- I can find all the pairs of number that add together to make a given total



# Starter

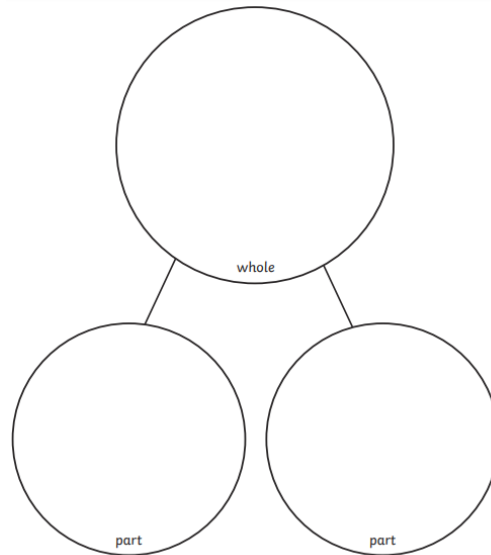
- Help your teacher to count forward and backwards from different numbers, using a counting stick.

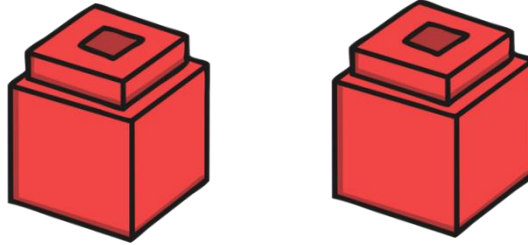
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



# Main Teaching

- Today we are going to use the part, part whole frame to find the pairs of number that add together to make a total.
- With your talk partner, discuss what you can remember about using the part, part, whole frame.





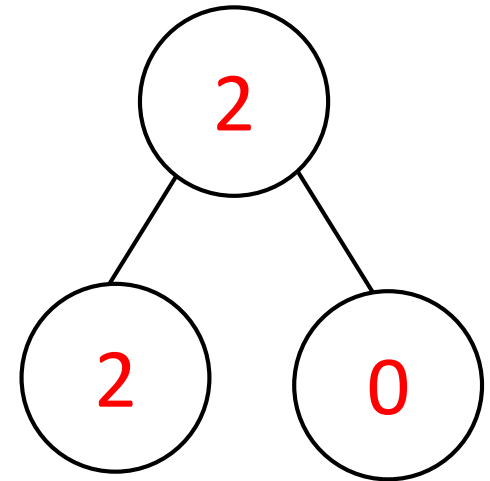
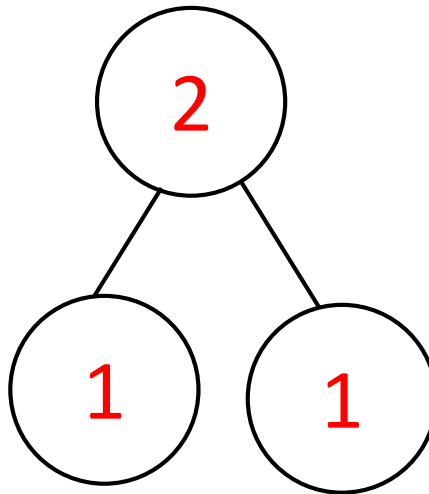
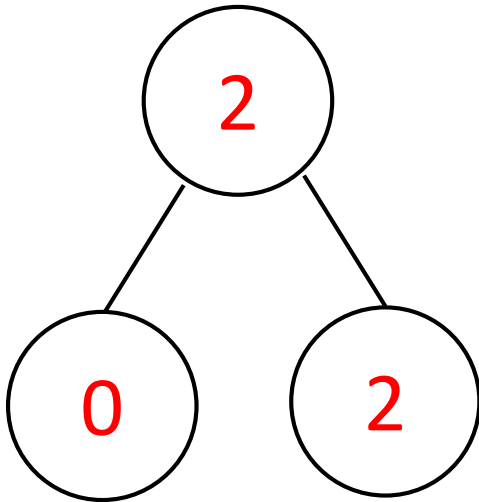
**We are going to use the frame to partition the whole ( total) number of cubes in different ways.**

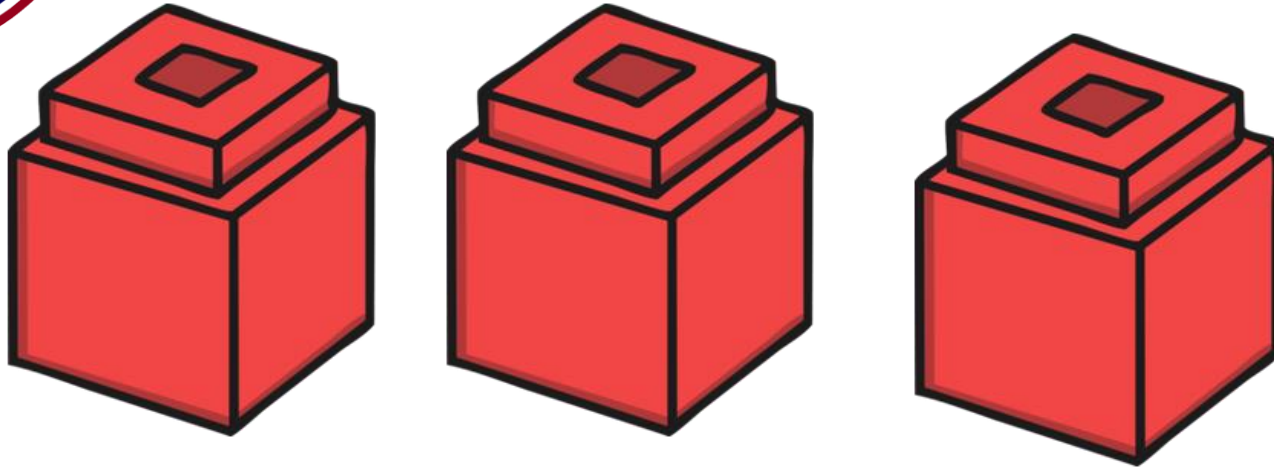
**Let's try with 2 cubes first.  
How many different ways can we partition the cubes?**

**Watch how your teacher does it.  
How many different ways are there?**

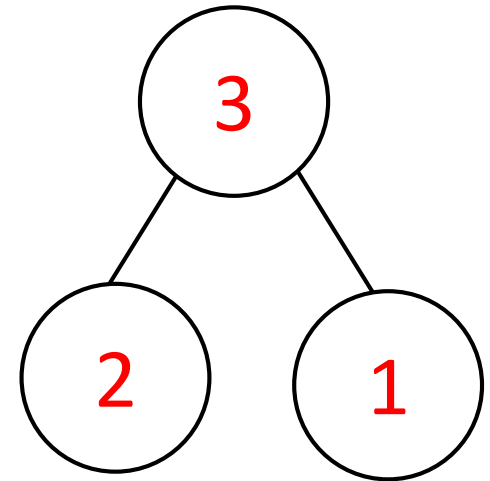
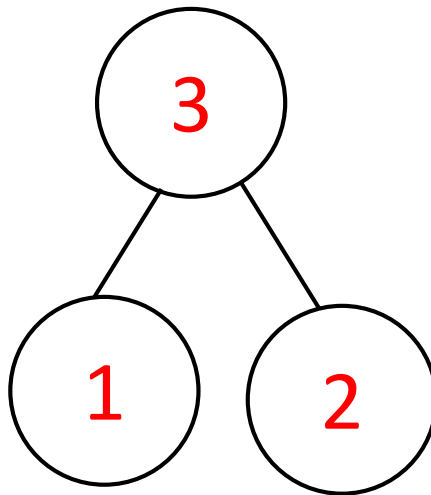
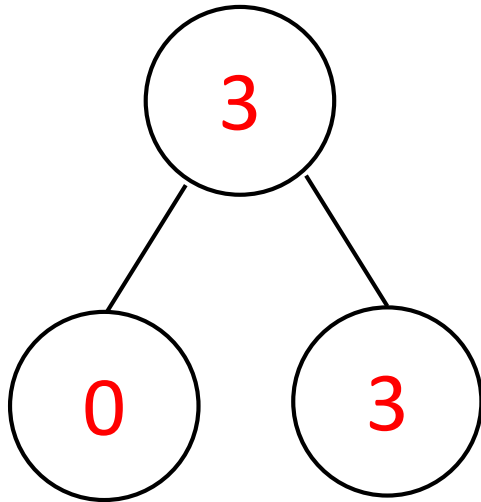


- We can partition the 2 cubes into :

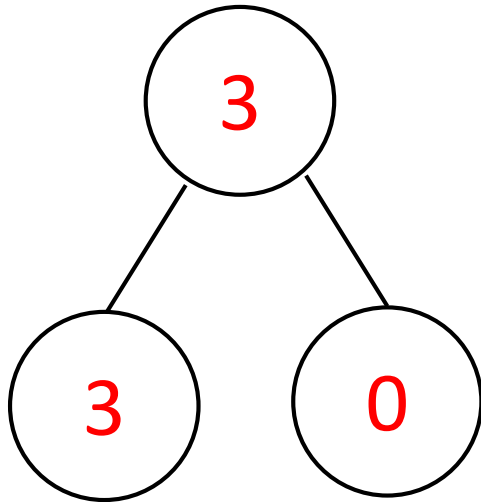




- Now use your frame to find the different ways to partition 3.
- See if you can find them all!









## Activity

- Use your part, part, whole frame to find the different ways that you can partition **4**.
- As you find each pair, write the numbers onto your part, part, whole frame activity sheet. The first one has been done for you.
- You can then move onto finding the pairs that total **5**.



**PLENARY:**  
**Which of these are correct? How do you know?**

