

Year 1 Maths

Week 3

Counting in 10s

Warm up activities:

- Count pasta, coins, marbles into a pot/pan ask you child to listen and count in 10's as you do so.

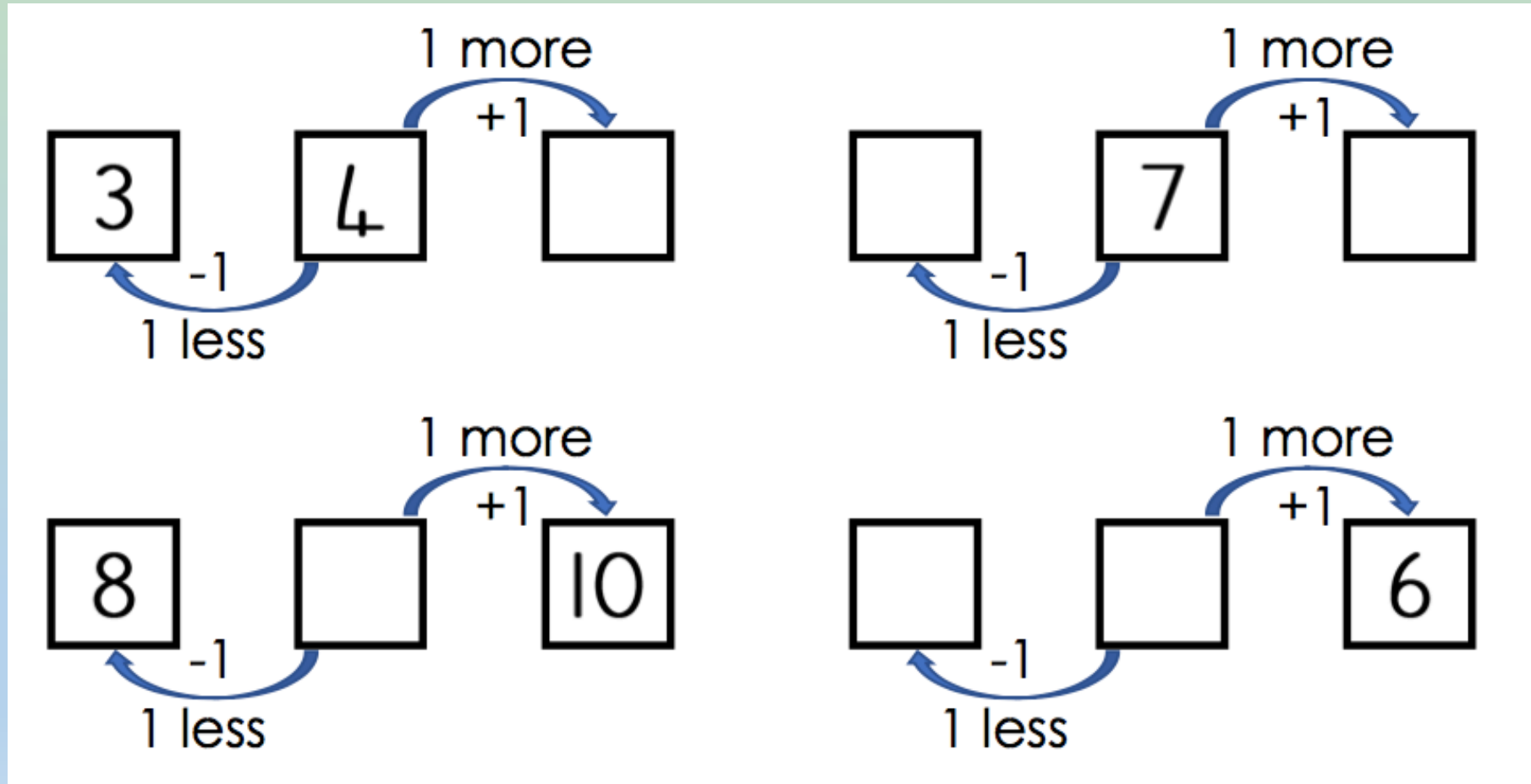
1 coin (10) another coin (20) another coin (30) etc...

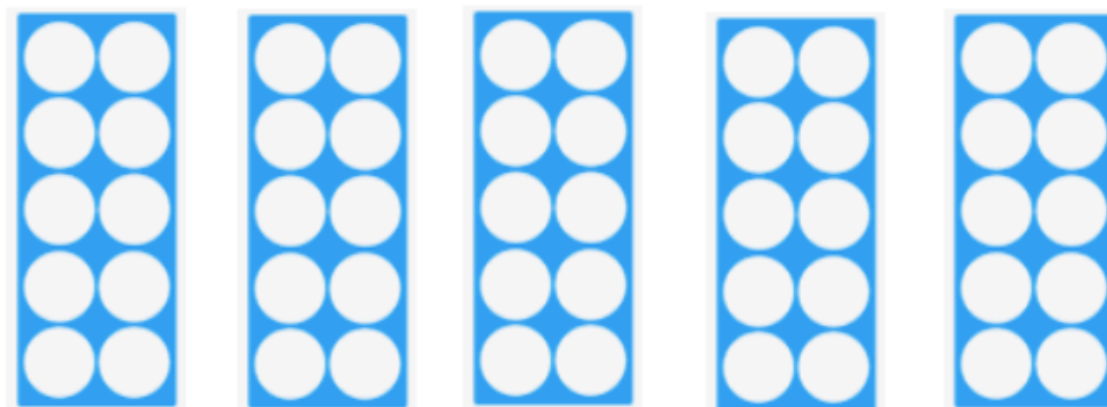
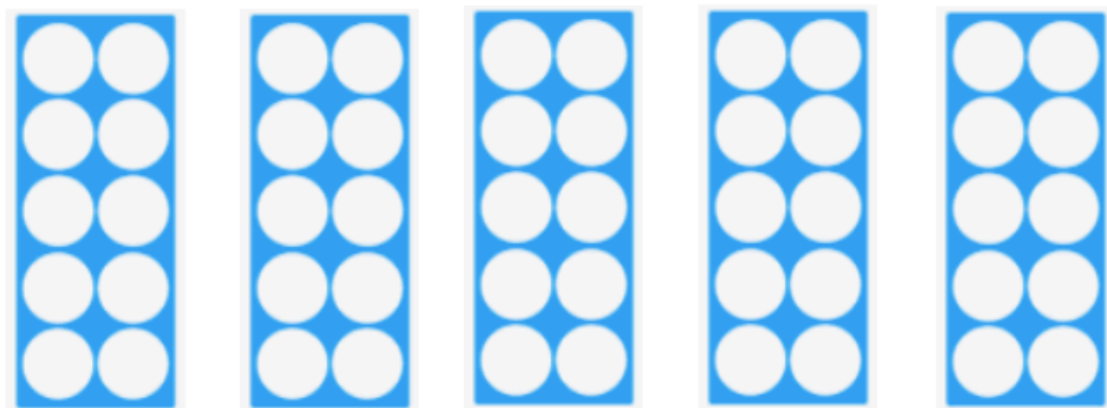
Then count in 4 coins saying 10, 20, 30, 40 ask your child how many in the pot?

After that take the four coins out and count back from 40 whilst adding the coins into the pot 40, 30, 20, 10 ask how many are in the pot now?

Repeat with different multiples of 10.

Patterns and Connections



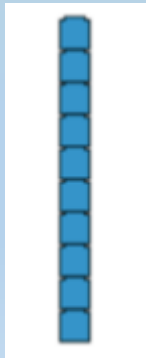


Using 10p coins, tower of 10
Lego bricks, straw bundles
of 10 count in 10s forwards
and back.

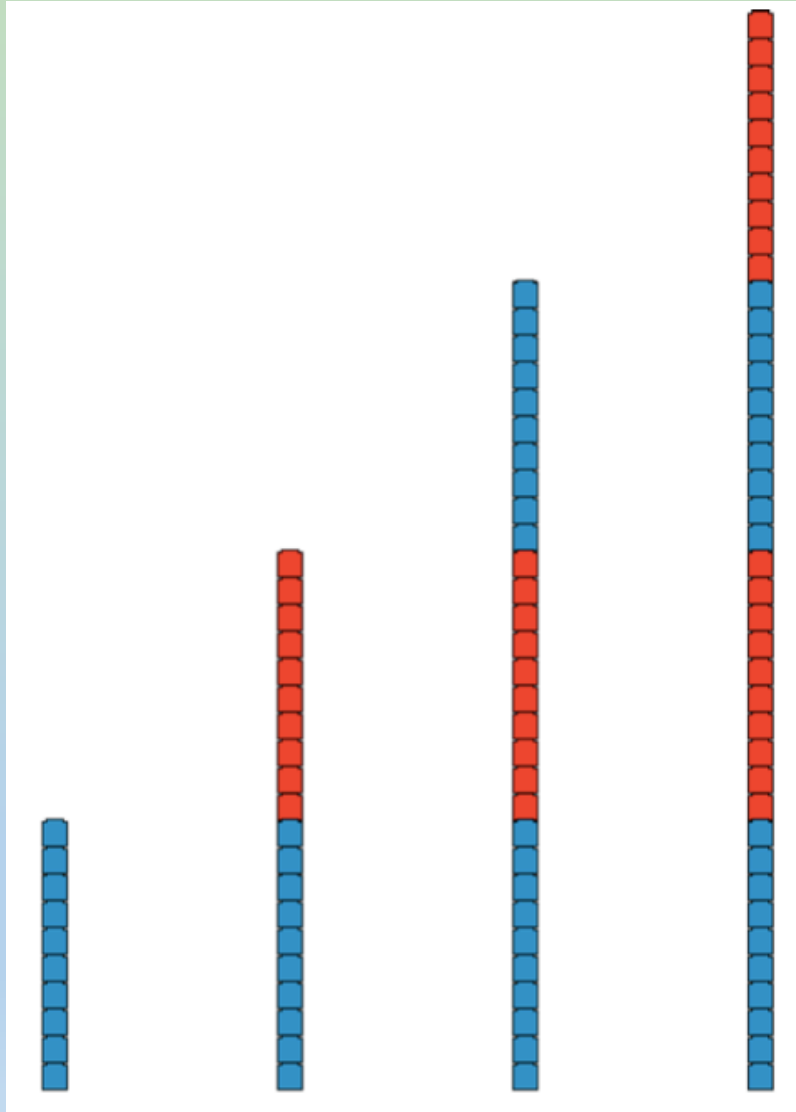
Using these objects can you
explore practically adding
10 more or taking 10 less.

e.g. 'I have 3 tens (30) if I
add 10 more I will have 40.'

Activity 1: Question 1



This is one ten.



Look at the image

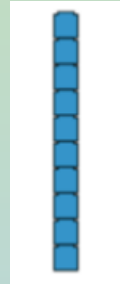
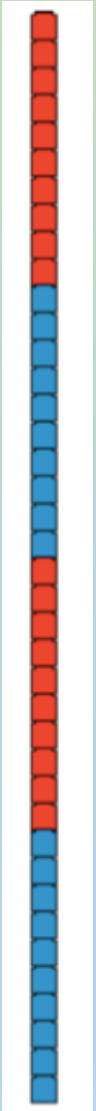
How many tens in twenty?

How many tens in 30?

How many tens in forty?

What is happening to the numbers each time?

Activity 1: Question 2



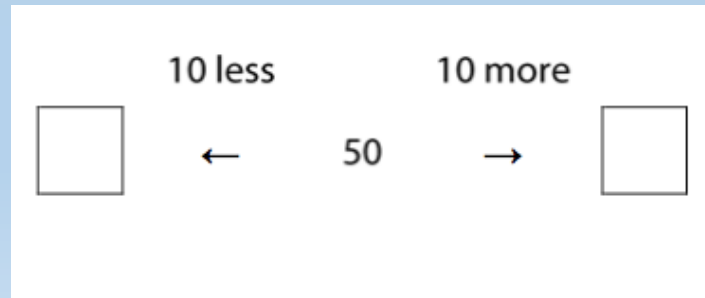
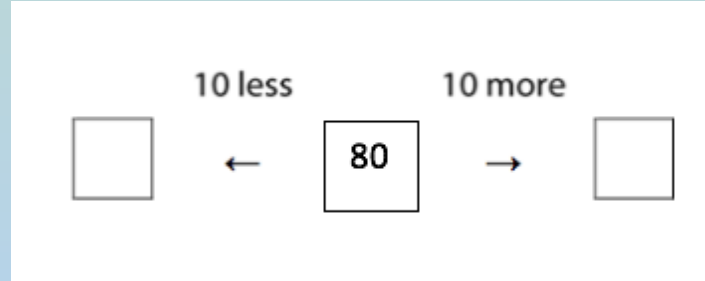
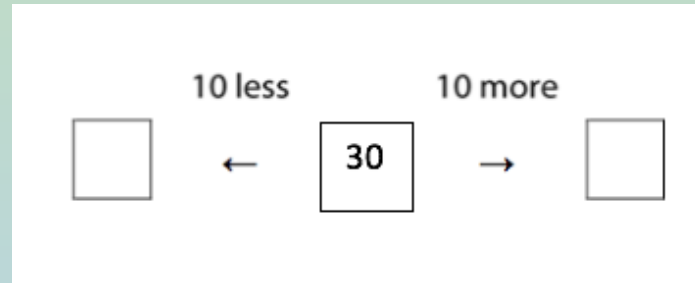
This is one ten.

How many more do we need to make two tens?

This is four tens. How many fewer to make three tens?

Activity 1: Question 3

Use objects (10p coins, straw bundles or towers of 10 using Lego or bricks to help)



Challenge

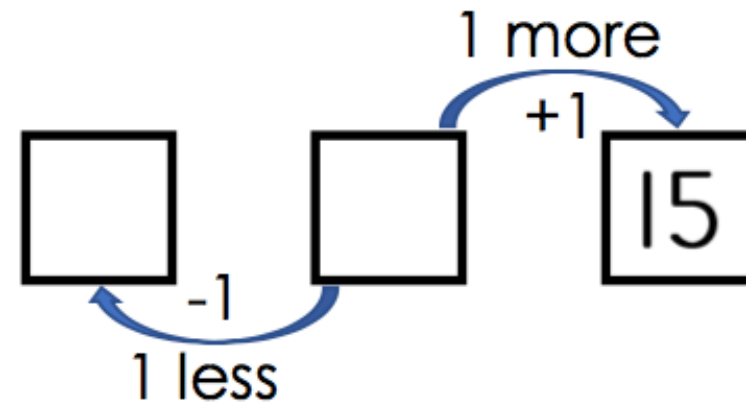
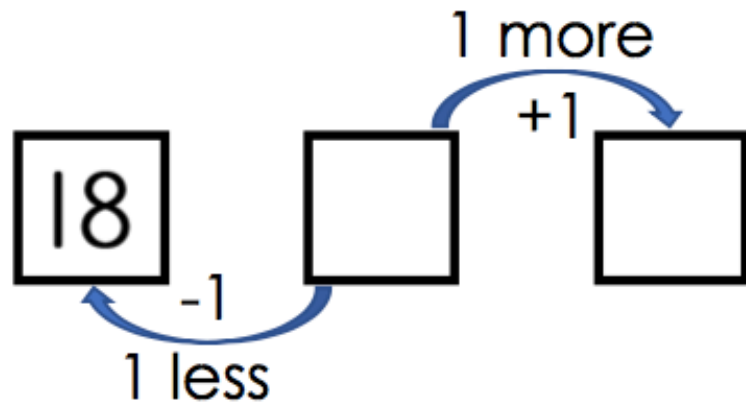
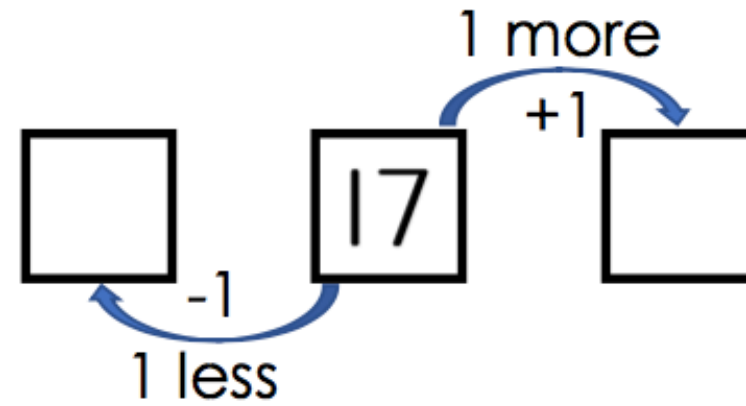
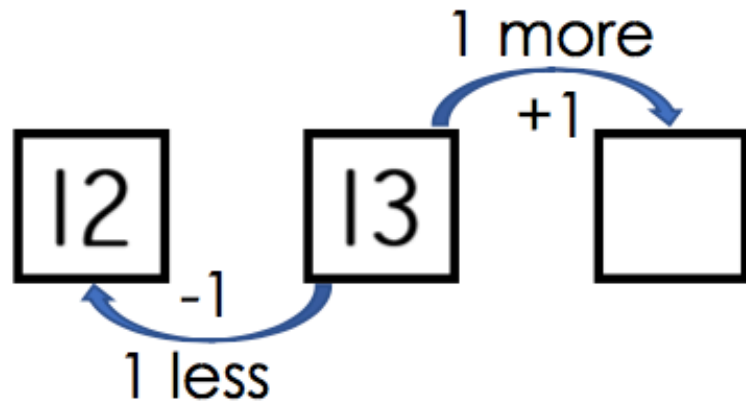
Which numbers are hidden?



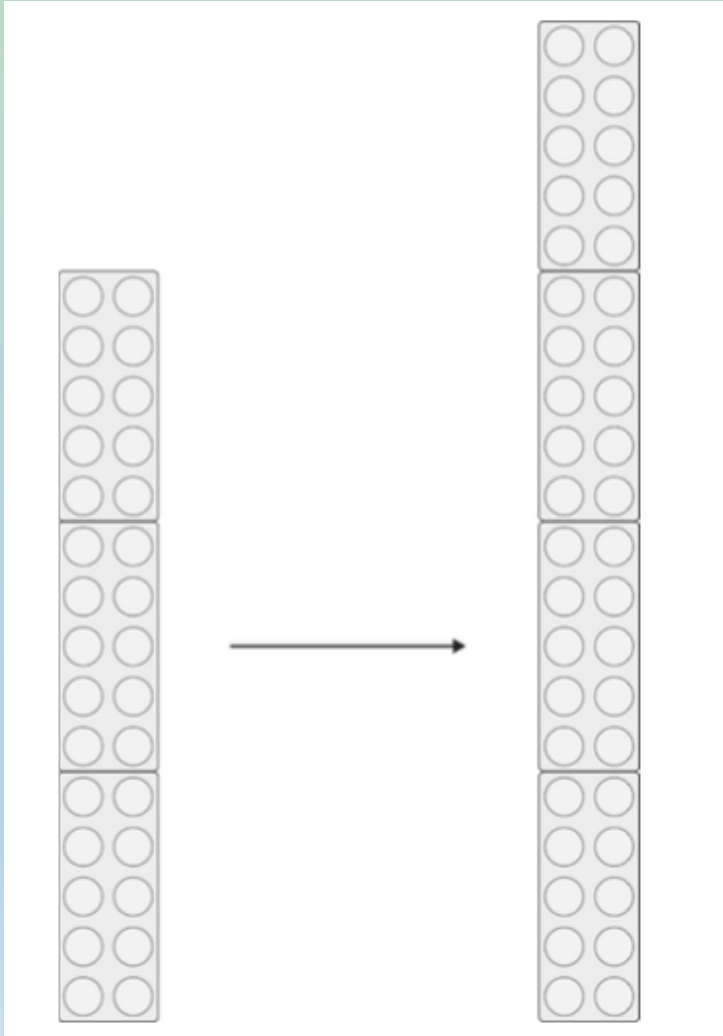
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	92	93	94	95	96	97	98	99	100

How did you find out?

Patterns and Connections

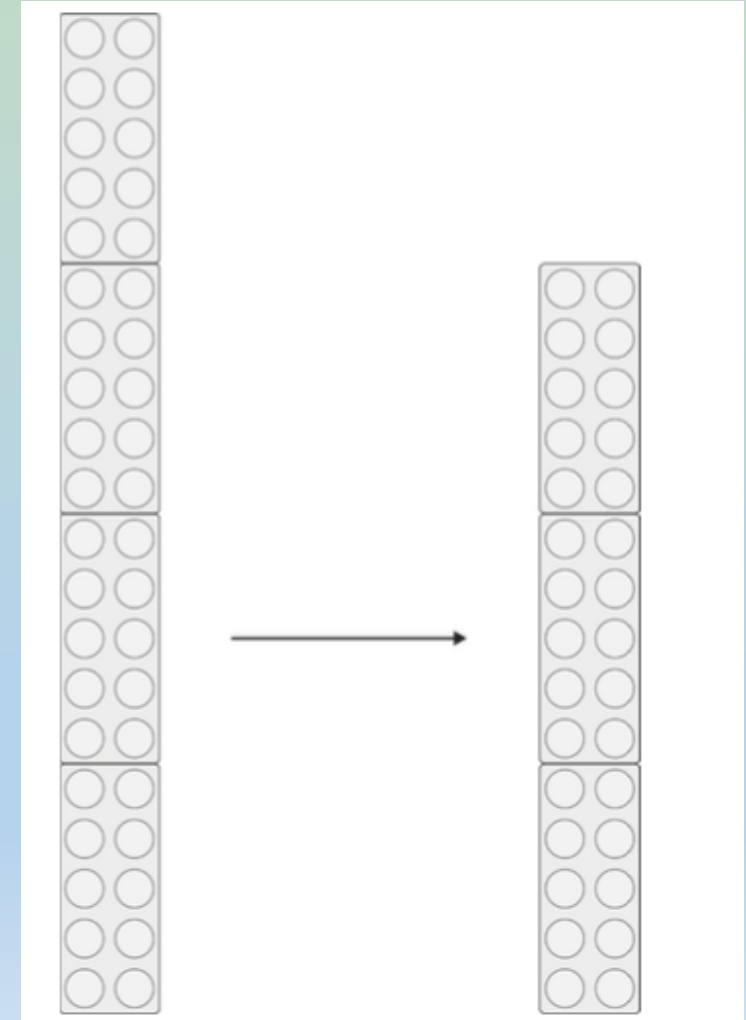


Using plus or minus can you verbally say what the number sentences represent. Use your towers of 10 bricks, straws, coins to practise saying different sentences.



(Thirty plus ten is forty.

Forty minus ten is thirty.)



Activity 2: Question 1

Remember to use your 10 towers/coins/straws to help you count if needed.

$10 + 10 = \square$

$100 - 10 = \square$

$20 + 10 = \square$

$90 - 10 = \square$

$30 + 10 = \square$

$80 - 10 = \square$

Activity 2: Question 2

$$\square + 10 = 20$$

$$\square + 10 = 30$$

$$\square + 10 = 50$$

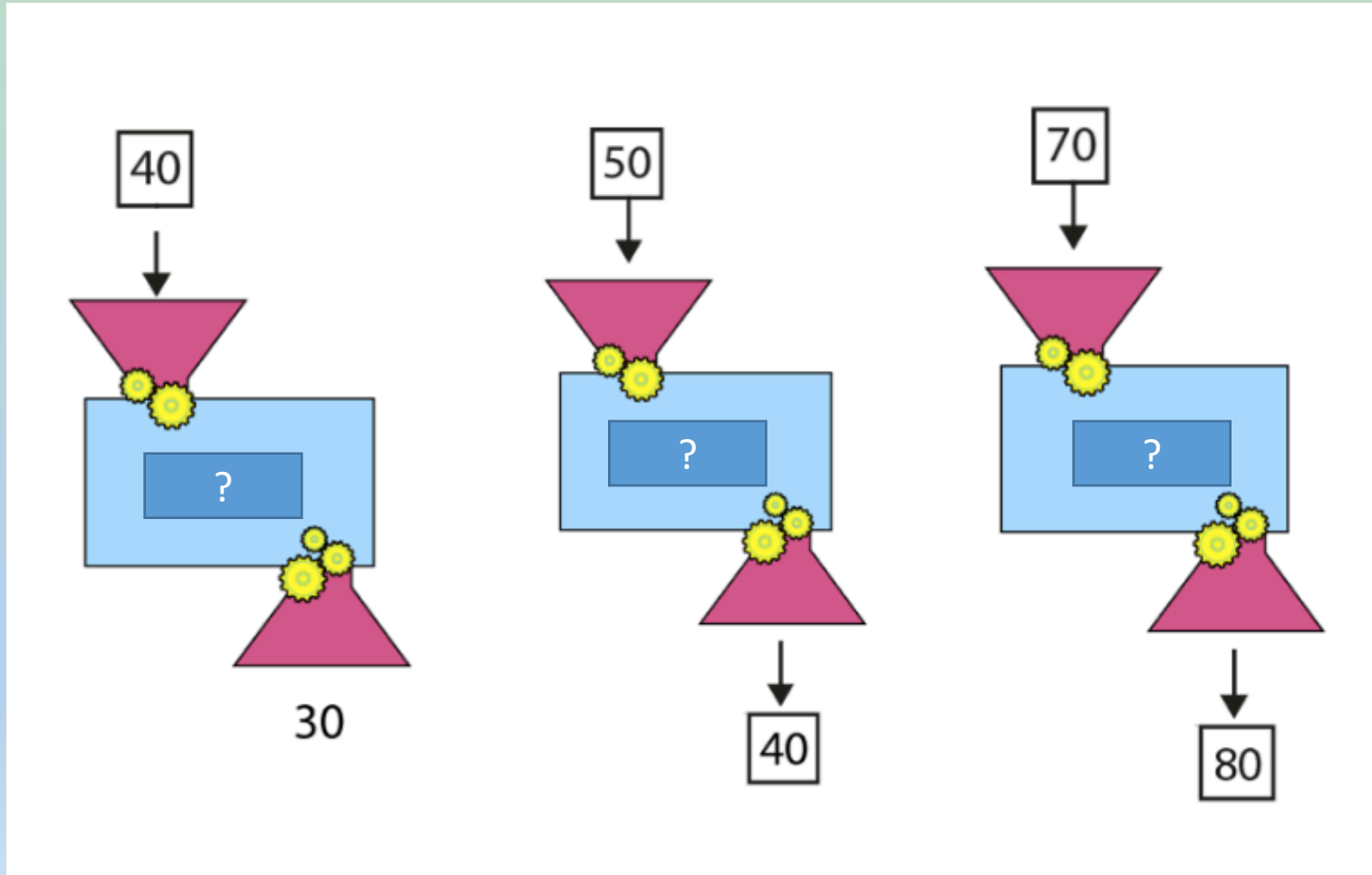
$$\square - 10 = 10$$

$$\square - 10 = 30$$

$$\square - 10 = 50$$

Activity 2: Question 3

Fill in the missing function am I adding or subtracting 10? How do you know?



Challenge

Each box has 10 cards.



I have 80 cards. Can I fill up 9 boxes?

