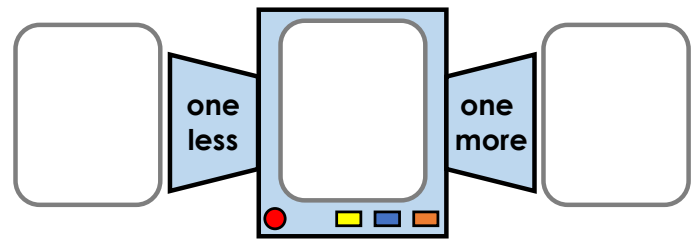
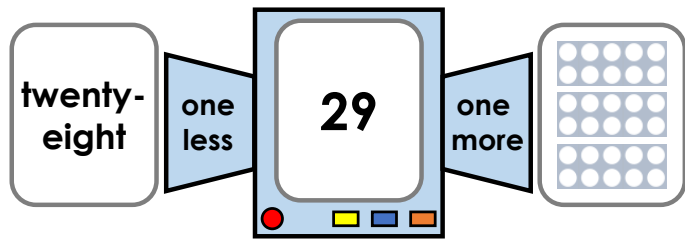


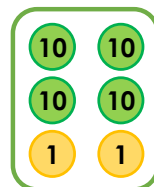
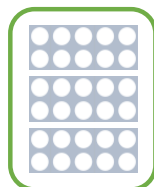
One More One Less

1. Use the cards to explore the different ways of completing the function machine. One example has been done for you.



32

thirty-four



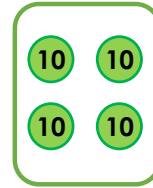
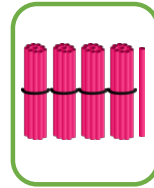
39

29

3 tens and 8 ones



31



twenty-eight

DP

2. Steph is thinking of a number. She says,

My number is less than 50 but more than 10.



When I work out one less and one less again, the tens digit changes.

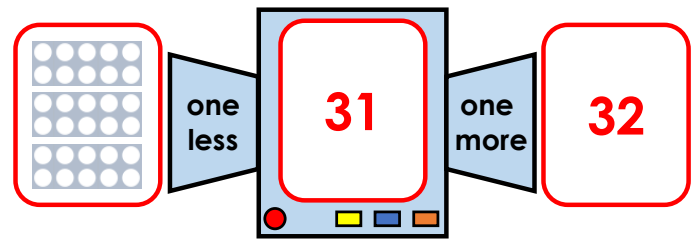
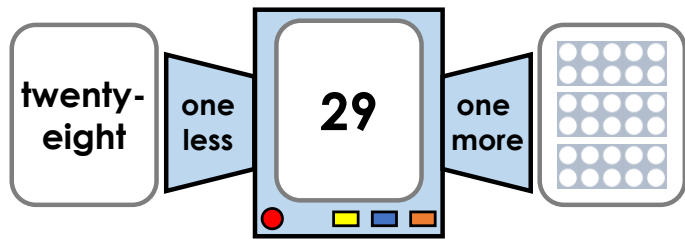
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50

Use the 1-50 grid to explore the possible numbers that Steph could be thinking of. Find all the possibilities.

DP

One More One Less

1. Use the cards to explore the different ways of completing the function machine. One example has been done for you.



32

thirty-four

10

10

10

10

1

1

39

29

3 tens and 8 ones

31

10

10

10

10

twenty-eight

Various answers, for example: $30 \leftarrow 31 \rightarrow 32$; $38 \leftarrow 39 \rightarrow 40$; $29 \leftarrow 30 \rightarrow 31$

DP

2. Steph is thinking of a number. She says,

My number is less than 50 but more than 10.

When I work out one less and one less again, the tens digit changes.

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

Use the 1-50 grid to explore the possible numbers that Steph could be thinking of. Find all the possibilities.

20, 21, 30, 31, 40, 41

DP