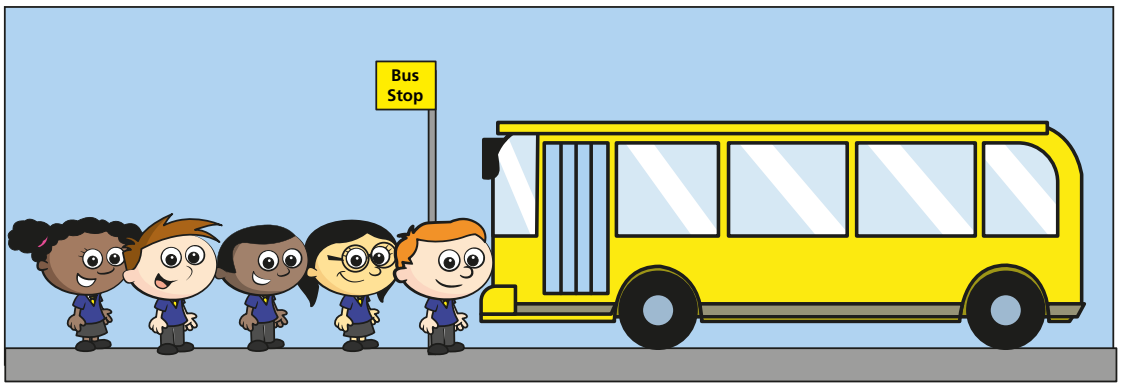
Add by counting on

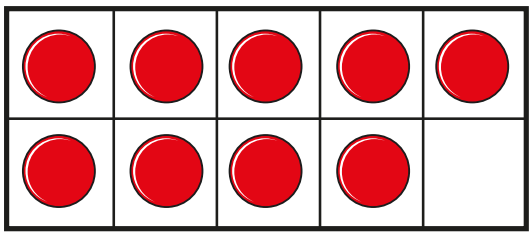
1 There are 9 children on the bus.

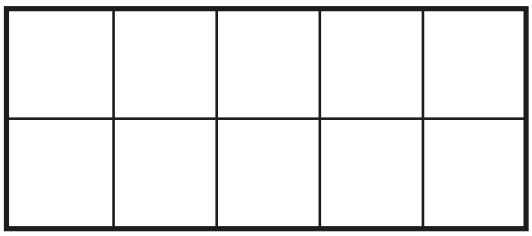
5 more children get on the bus.



How many children are on the bus now?

Complete the ten frames and the sentences.





$\square + \square = \square$

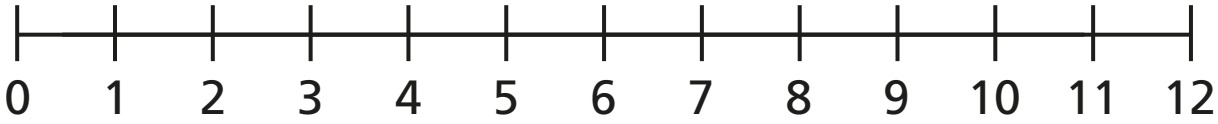
There are $\square$ children on the bus now.

2 Eva has 4 coins.

Jack gives her 7 more coins.

How many coins does Eva have now?

Draw on the number line and complete the sentences.

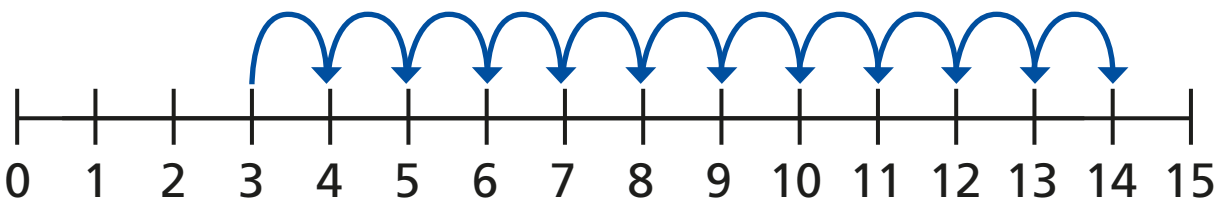


☐ + ☐ = ☐

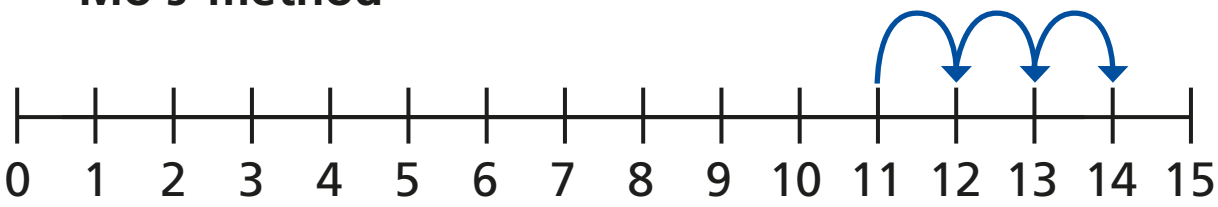
Eva has ☐ coins now.

3 Ron and Mo are working out 3 + 11 on a number line.

Ron's method



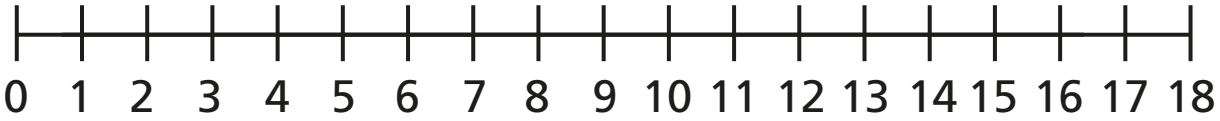
Mo's method



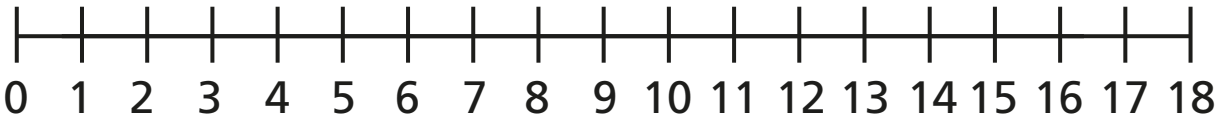
What is the same and what is different?

Use the number lines to work out the additions.

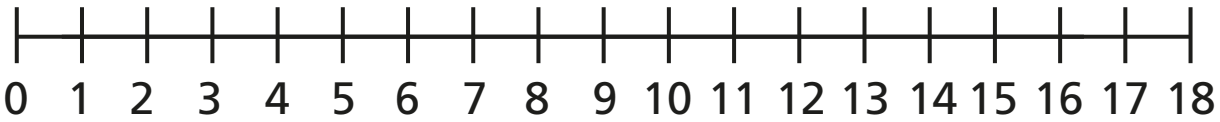
a) 2 + 13 = ☐



b) 4 + 9 = ☐



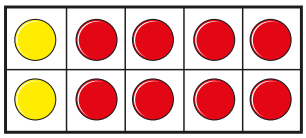
c) 1 + 17 = ☐



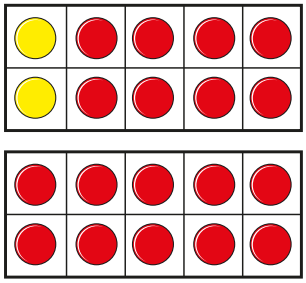
Find and make number bonds

1 Complete the additions to match the ten frames.

a)

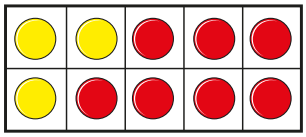


□ + □ = □

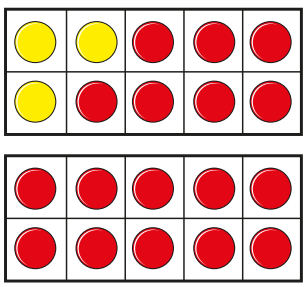


□ + □ = □

b)



□ + □ = □



□ + □ = □

c) What do you notice?

2 Complete the number bonds.

a) 4 + 6 = ☐

4 + 16 = ☐

b) 5 + 5 = ☐

5 + 15 = ☐

c) 10 = ☐ + 1

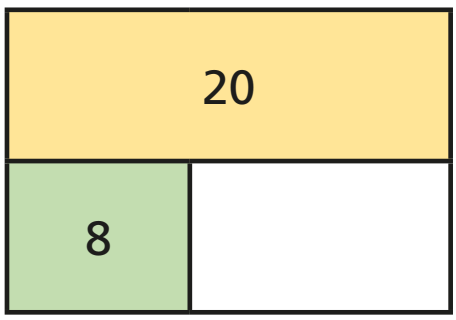
20 = ☐ + 1

d) 10 = 3 + ☐

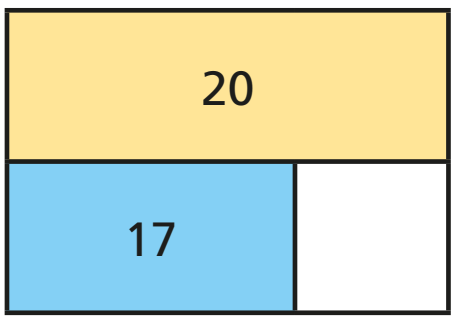
20 = ☐ + 13

3 Complete the bar models.

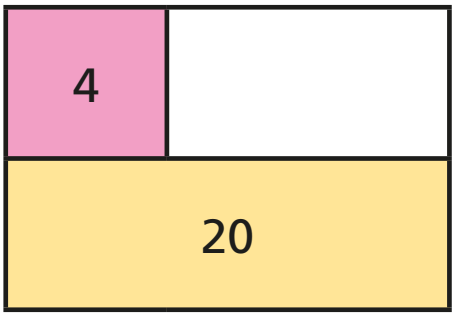
a)



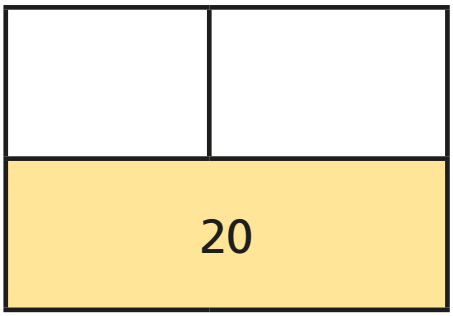
b)



c)



d)



4 Colour all the number bonds to 20

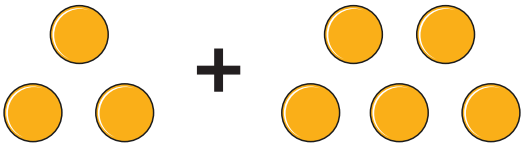
14 + 3	17 + 3	2 + 18	0 + 20	3 + 16	9 + 11	17 + 3	18 + 2	2 + 0
18 + 1	3 + 7	12 + 7	5 + 15	4 + 8	1 + 19	13 + 5	20 + 0	1 + 15
11 + 8	11 + 9	19 + 1	3 + 17	10 + 0	13 + 7	16 + 2	8 + 12	5 + 5
5 + 6	4 + 16	19 + 0	10 + 1	2 + 0	14 + 6	17 + 1	11 + 9	11 + 8
12 + 5	12 + 8	18 + 2	15 + 5	4 + 15	16 + 4	10 + 10	15 + 5	13 + 3

Make your own puzzle like this.

Add ones using number bonds

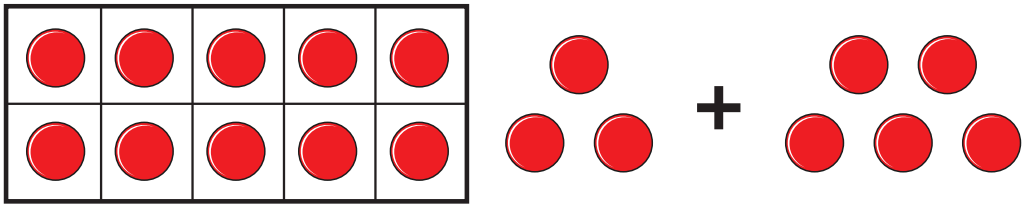
1 Complete the additions.

a)



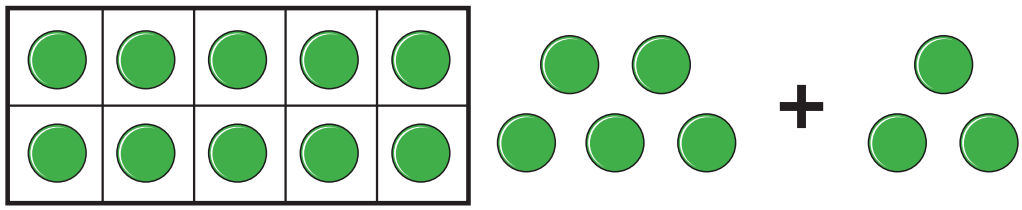
3 + 5 = ☐

b)



13 + 5 = ☐

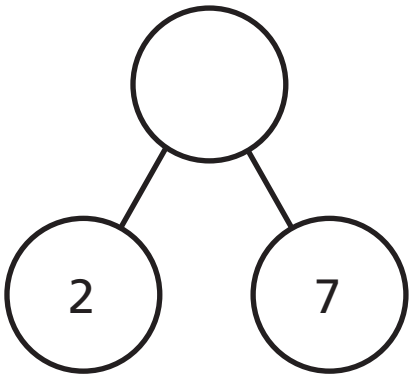
c)



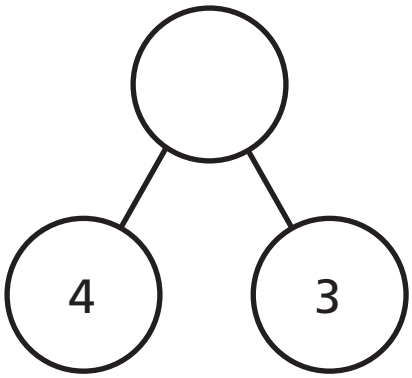
15 + 3 = ☐

2 Complete the part-whole models.

a)



b)



3 Complete the additions.

a) 12 + 7 = ☐

17 + 2 = ☐

7 + 12 = ☐

2 + 17 = ☐

b) 13 + 4 = ☐

14 + 3 = ☐

4 + 13 = ☐

3 + 14 = ☐

4 Tick the additions that make 16

14 + 2	15 + 2	10 + 6	1 + 16
3 + 13	12 + 5	11 + 5	1 + 15

5 Complete the additions.

$\square + 5 = 9$

$\square + 2 = 9$

$8 + \square = 9$

$6 + \square = 9$

6 Complete the additions.

$\square + 5 = 19$

$\square + 2 = 19$

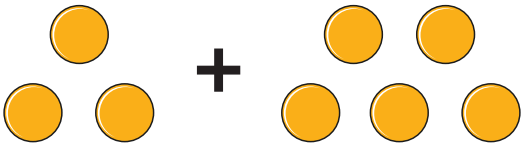
$18 + \square = 19$

$16 + \square = 19$

Add ones using number bonds

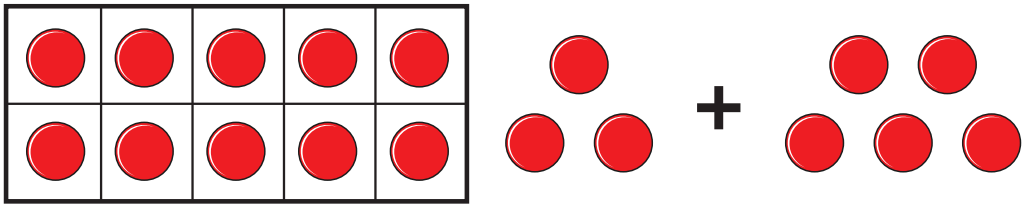
1 Complete the additions.

a)



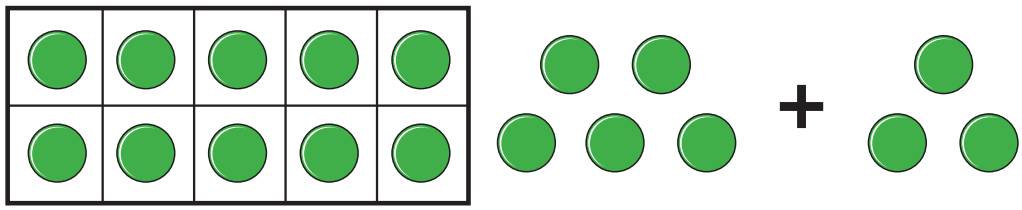
3 + 5 = ☐

b)



13 + 5 = ☐

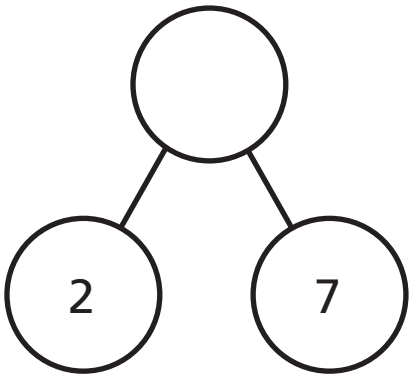
c)



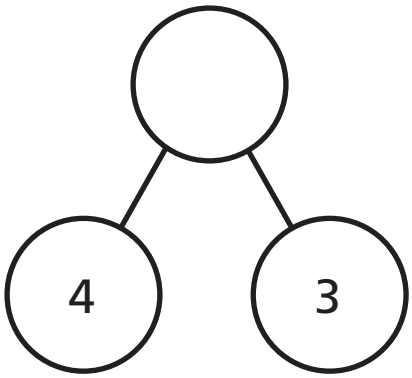
15 + 3 = ☐

2 Complete the part-whole models.

a)



b)



3 Complete the additions.

a) 12 + 7 = ☐

17 + 2 = ☐

7 + 12 = ☐

2 + 17 = ☐

b) 13 + 4 = ☐

14 + 3 = ☐

4 + 13 = ☐

3 + 14 = ☐

4 Tick the additions that make 16

14 + 2	15 + 2	10 + 6	1 + 16
3 + 13	12 + 5	11 + 5	1 + 15

5 Complete the additions.

$\square + 5 = 9$

$\square + 2 = 9$

$8 + \square = 9$

$6 + \square = 9$

6 Complete the additions.

$\square + 5 = 19$

$\square + 2 = 19$

$18 + \square = 19$

$16 + \square = 19$