



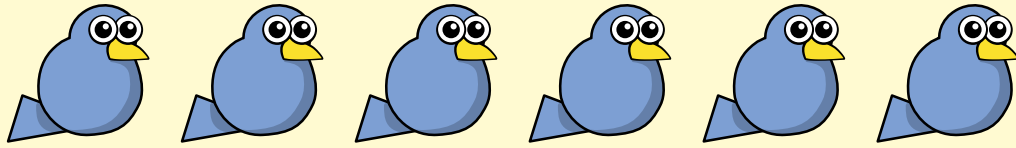
# ADDITION AND SUBTRACTION (WITHIN 20)

White  
Rose  
Maths



From White Rose Maths schemes for Year 1 Spring Term  
**BLOCK 1 - ADDITION AND SUBTRACTION (WITHIN 20)**

1 There are 6 birds in a tree.



5 more birds fly into the tree.

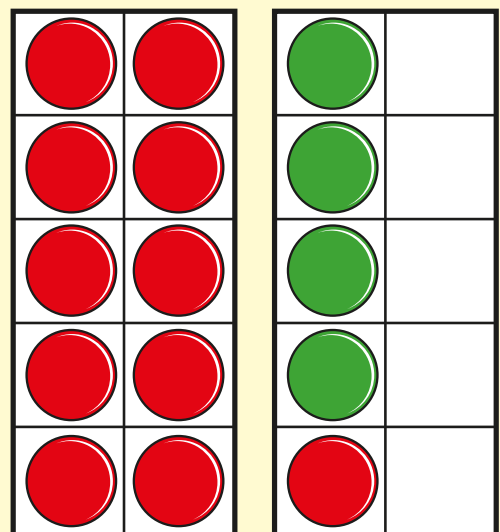


How many birds are there now?

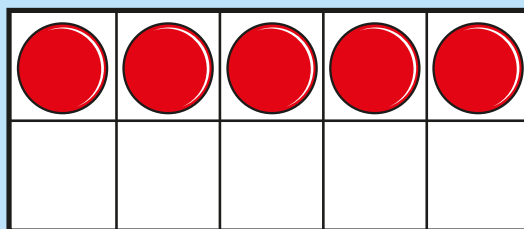
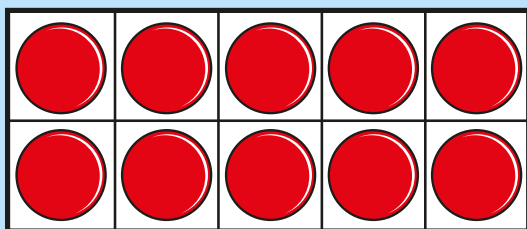
birds

2 Complete the number sentence.

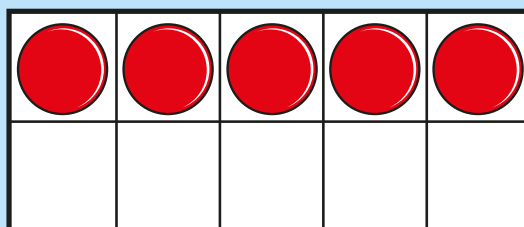
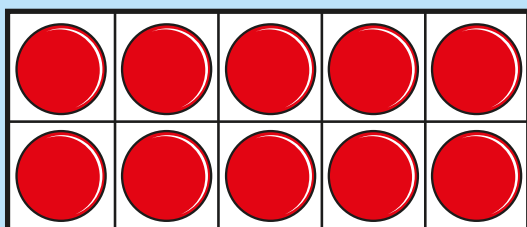
$$11 + 4 =$$



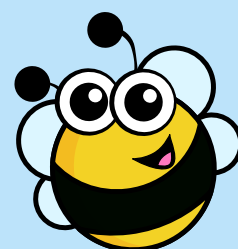
3 Work out  $15 + 5 =$



Work out  $15 - 5 =$



4 Match the number sentences.  
One has been done for you.



$15 + 2$

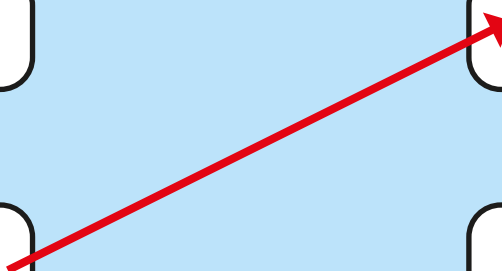
$10 + 3$

$3 + 10$

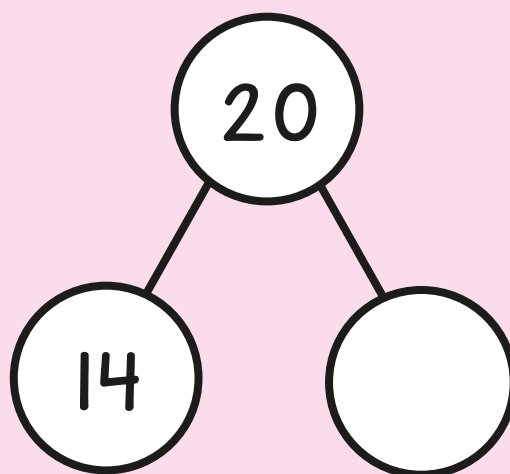
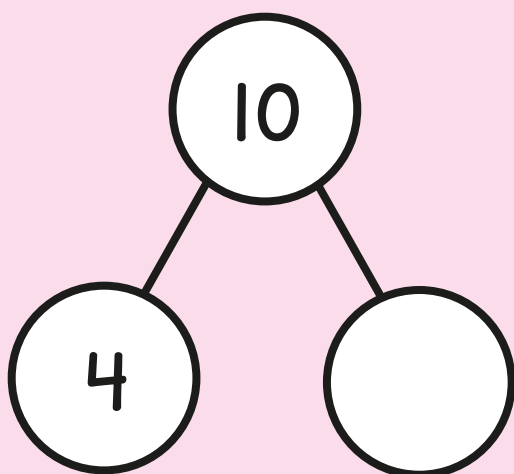
$12 + 5$

$13 + 4$

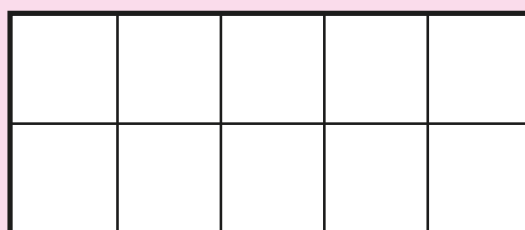
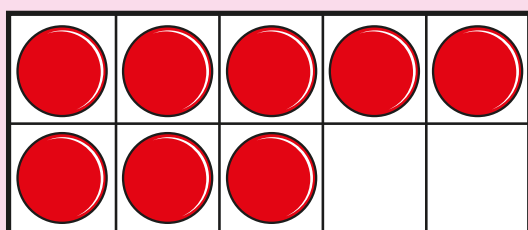
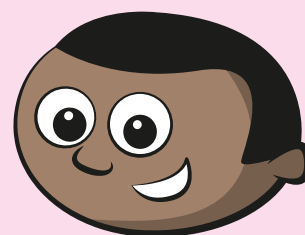
$12 + 5$



5 Complete the part-whole models.



6 Mo has 8 counters.



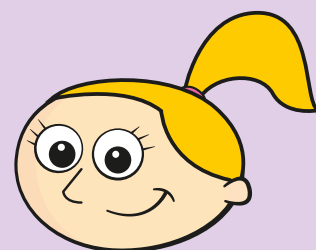
He adds 8 more counters.

How many counters does he have now?

counters

7 Work out  $7 + 9 =$

8 Eva has 2 bags of marbles.  
She has 20 marbles altogether.  
Circle the bags that Eva has.



9 Complete the number sentences.

$$16 + 3 > 16 + \square$$

$$16 + \square < 19$$

# Answers



1 11 birds

2  $11 + 4 = 15$

3  $15 + 5 = 20$   
 $15 - 5 = 10$

4

$15 + 2$	$10 + 3$
$3 + 10$	$12 + 5$
$13 + 4$	$12 + 5$

Red arrows indicate connections: from  $15 + 2$  to  $12 + 5$ , from  $3 + 10$  to  $10 + 3$ , and from  $13 + 4$  to  $12 + 5$ .

5

<div style="text-align: center;"> <div>10</div> <div style="display: flex; justify-content: space-around;"> <div>4</div> <div>6</div> </div> </div>	<div style="text-align: center;"> <div>20</div> <div style="display: flex; justify-content: space-around;"> <div>14</div> <div>6</div> </div> </div>
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6 16 counters

7 16

8

Four money bags are shown. The first bag has 8, the second 18, the third 20, and the fourth 12. The bags with 8 and 12 are circled in pink.

9  $16 + 3 > 16 + \square$  (0, 1 or 2)

$16 + \square < 19$  (0, 1 or 2)

