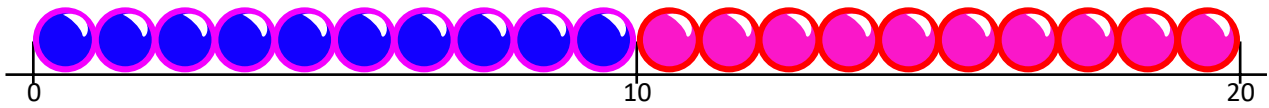


Pairs to 10 and 20

Sheet 1



Write the missing numbers.

10	
6	

20	
10	

10	
	3

20	
	13

10	
9	

20	
	16

10	
4	

20	
6	

10	
8	

20	
	18

Challenge

Write 3 challenge questions for a friend to solve. Write them like this:

$$\square + 2 = 10$$

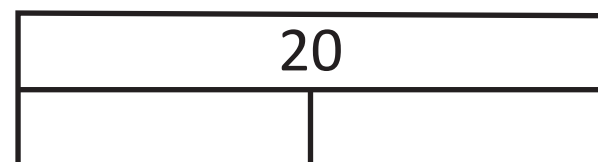
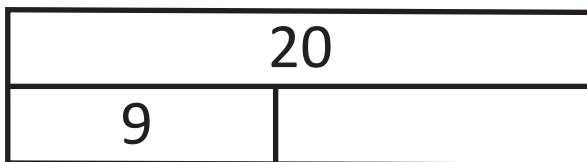
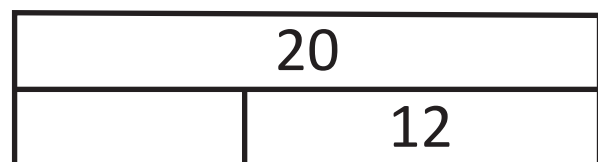
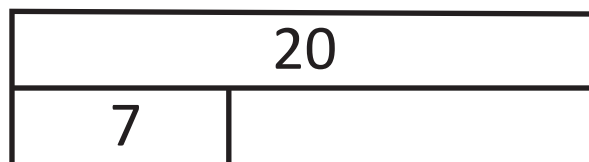
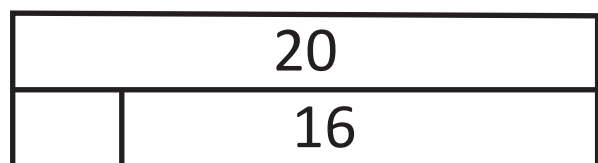
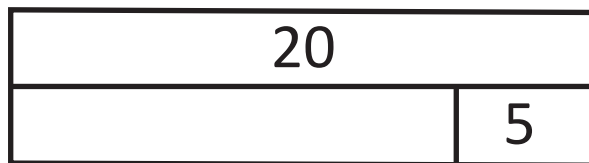
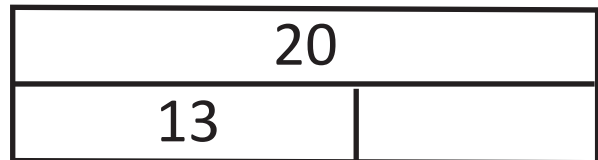
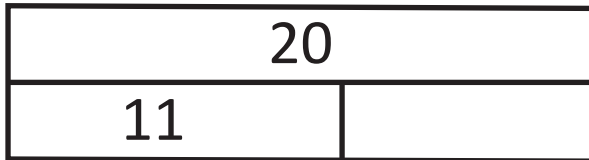
or

$$\square + 13 = 20$$

Pairs to 20

Sheet 2

Write the missing number in each bar model.



Challenge (to be done in pairs)

How many pairs of numbers can you find that equal 10?

Estimate how many pairs of numbers there are that equal 20. Explain why you estimated this number.

Now, write all the pairs of numbers that equal 20. How close to your estimate were you?

Missing numbers

Sheet 3

Write the pairs of possible missing numbers.
How many different pairs can you find for each problem?

20		
11	?	?

20		
13	?	?

20		
9	?	?

20		
6	?	?

20		
7	?	?

20		
8	?	?

Challenge

Complete the table below to find the missing numbers.

Numbers to add			Total
5		3	20
	4	12	20
13	2		20
7		5	20
	8	6	20
11	3		20
5		9	20