# Pairs to 10 and 20

## Sheet 1

Make pairs to 10.

9 + ☐ = 10

☐ + 3 = 10

7 + ☐ = 10

4 + ☐ = 10

☐ + 5 = 10

☐ + 2 = 10

Complete these bars. Draw new bricks in a different colour.
The first one is done for you.

Make pairs to 20

15 + ☐ = 20

14 + ☐ = 20

13 + ☐ = 20

17 + ☐ = 20

11 + ☐ = 20

18 + ☐ = 20

**Challenge**

You have number cards 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10. Make pairs to 10, e.g. 6 and 4. How many pairs can you make? Which pair is impossible to make?

# Pairs to 20

Sheet 2

Find the missing numbers.

$10 + \square = 20$

$8 + \square = 20$

$6 + \square = 20$

$3 + \square = 20$

$\square + 5 = 20$

$\square + 9 = 20$

$\square + 14 = 20$

$\square + 13 = 20$

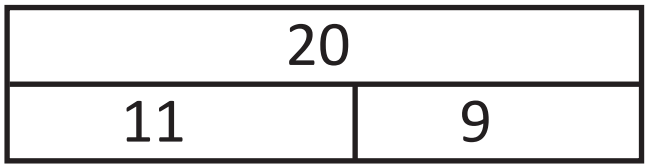
**Challenge**

You have 21 cards - 0 to 20. You can create pairs of numbers making 20. Write these down. Write the pair you cannot create.

# Pairs to 20

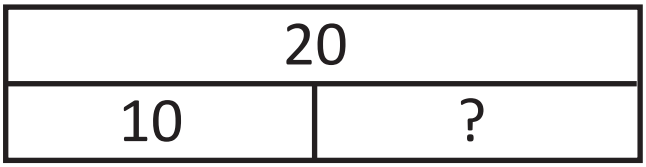
## Sheet 3

This is a bar model:




Draw your own bar models for a friend to complete. Have one number missing. The total is 20. You must note the answers so you know if your friend got them right!

Example:




Draw at least six different bar models.

**Challenge**

Complete a friend's bar models and then mark each other's work.
Were there any errors? Can you explain how to correct the errors?