Key learning; to add numbers within 20.

10

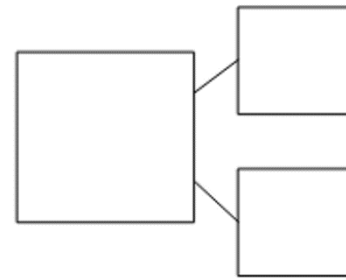| Tens	Ones

Write it

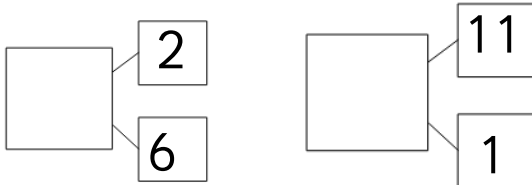| Tens	Ones

Draw it

Partition it

Make the parts using dienes and add together to find the whole. Then complete the part part whole models.

2
6

11
1

Write the equations in your book.

Make both the numbers using dienes and use to help you solve these equations.

11 + 6 =

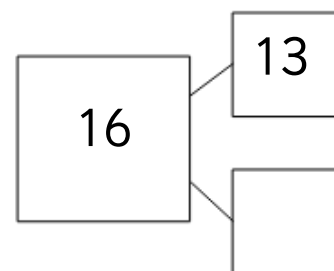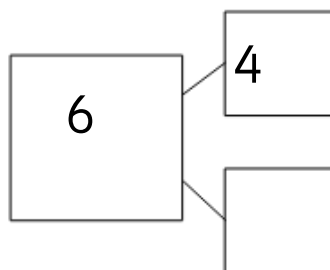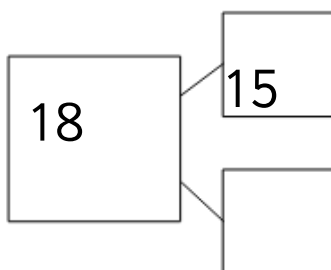5 + 15 =   12 + 5 =

13 + 7 =   4 + 14 =

8 + 10 =

Complete these equations using the part part whole models and dienes to help you.

15 + ☐ = 18   ☐ + 13 = 20   16 = 13 + ☐

18
15

6
4

16
13

16 + 3 is the same as 3 + 16.

Do you agree – yes or no?

Explain your answer. You could use resources to prove it.

Circle the equation that is incorrect.

15 + 4 = 19

17 + 3 = 19

11 + 3 = 14

Explain how you know.

Deepening Task: addition using dienes.

True / False
✅ ❌

What addition equation ❓ ⬅ Answer

could you write to make the answer 18?

_____ + _____ = 18

Can you think of another equation?
Record as many as you can think of.