1 What number bonds to 20 are represented?

The first one has been done for you.

a)

$15 + 5 = 20$

b)

$\boxed{} + \boxed{} = \boxed{}$

c)

$\boxed{} + \boxed{} = \boxed{}$
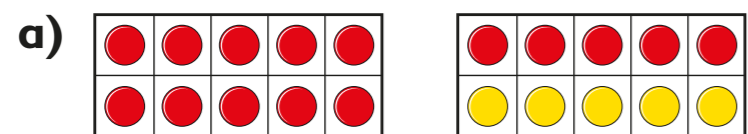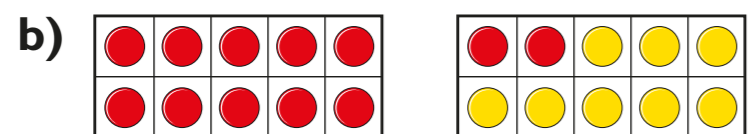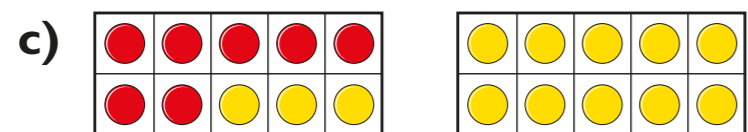
d) How many other number bonds to 20 can you make using counters and ten frames?

_____

_____

2 Complete the fact family.

a)

$15 \quad + \quad 2 \quad = \quad 17$

$17 \quad = \quad 15 \quad + \quad 2$

$2 \quad + \quad 15 \quad = \quad \boxed{}$

$\boxed{} \quad = \quad \boxed{} \quad + \quad \boxed{}$

$17 \quad - \quad 15 \quad = \quad \boxed{}$

$\boxed{} \quad = \quad \boxed{} \quad - \quad \boxed{}$

$\boxed{} \quad - \quad \boxed{} \quad = \quad \boxed{}$

$\boxed{} \quad = \quad \boxed{} \quad - \quad \boxed{}$

b)
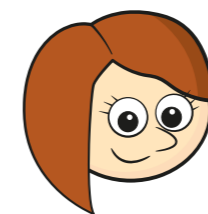
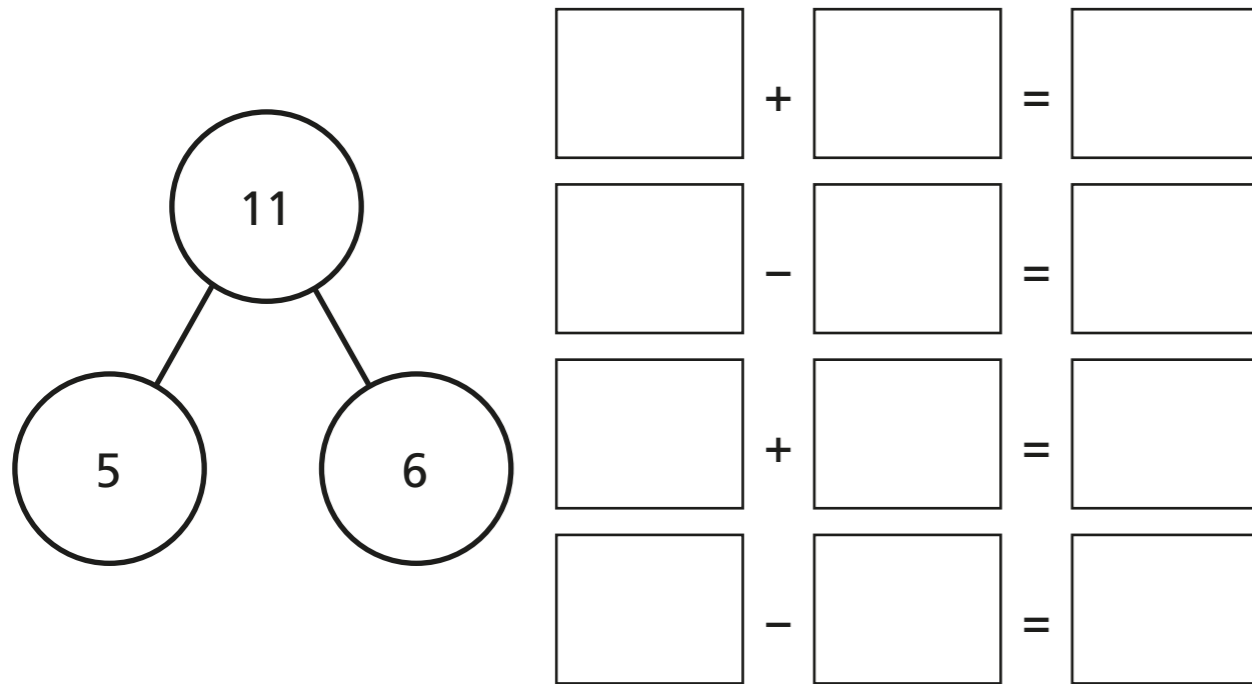> 2 − 17 = 15 should be in the fact family.

Explain why Rosie is wrong.

3 Complete the number sentences for the part-whole model.

```
   11
  /  \
 5    6
```

☐ + ☐ = ☐

☐ − ☐ = ☐

☐ + ☐ = ☐

☐ − ☐ = ☐

Are there any other number sentences in this fact family?

Talk about it with a partner.

4 There are 9 boys and 8 girls in a class.

Complete the bar model to represent this.

9	8
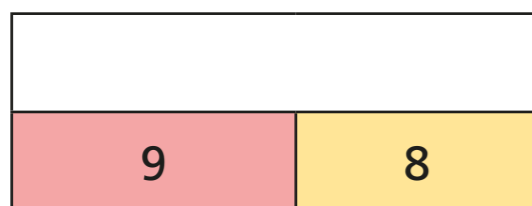
Write the fact family for the bar model.

_____

_____

5 Circle any incorrect calculations.

3 + 7 = 10   10 = 3 + 7

7 + 3 = 10   10 = 7 + 3

10 − 7 = 3   7 − 3 = 10

3 − 10 = 7   7 = 10 − 3

Explain any mistakes that have been made.

6 Here are some number cards.

5	2	7	13	6

Choose three number cards to complete the number sentence.

☐ + ☐ = ☐

Write the fact family for this calculation.

Compare answers with a partner.

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