Fact families - addition and subtraction bonds to 20
(1) What number bonds to 20 are represented? The first one has been done for you.
a)


$$
15+5=20
$$

b)

c)

d) How many other number bonds to 20 can you make using counters and ten frames?

2 Complete the fact family.
b)


Explain why Rosie is wrong.


3 Complete the number sentences for the


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.


Write the fact family for the bar model.
(5) Circle any incorrect calculations.

$$
\begin{array}{ll}
3+7=10 & 10=3+7 \\
7+3=10 & 10=7+3 \\
10-7=3 & 7-3=10 \\
3-10=7 & 7=10-3
\end{array}
$$

Explain any mistakes that have been made.
6) Here are some number cards.


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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