Lesson 1—collaborative

□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

□ + □ = □

□ + □ = □

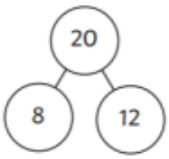
□ − □ = □

□ − □ = □

11. 11. 24

Fact families to 20

Complete the fact families

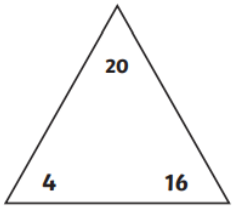


□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □



□ + □ = □

□ + □ = □

□ - □ = □

□ - □ = □

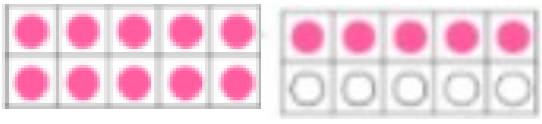
20	
13	7

□ + □ = □

□ + □ = □

□ - □ = □

□ - □ = □



□ + □ = □

□ + □ = □

□ - □ = □

□ - □ = □

11. 11. 24

Fact families to 20

Challenge sheet

Circle any incorrect calculations.

13 + 7 = 20

20 = 13 + 7

7 + 13 = 20

20 = 7 + 13

20 - 7 = 13

13 - 7 = 20

13 - 20 = 7

7 = 20 - 13

Explain any mistakes that have been made.

11. 11. 24

Fact families to 20

Challenge sheet

Circle any incorrect calculations.

13 + 7 = 20

20 = 13 + 7

7 + 13 = 20

20 = 7 + 13

20 - 7 = 13

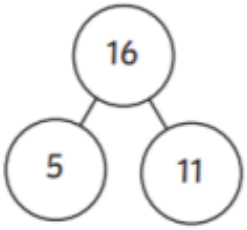
13 - 7 = 20

13 - 20 = 7

7 = 20 - 13

Explain any mistakes that have been made.

Lesson 2—collaborative task

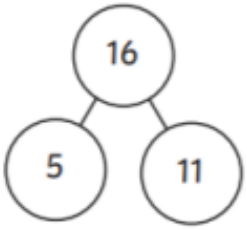


□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

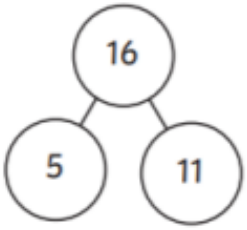


□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

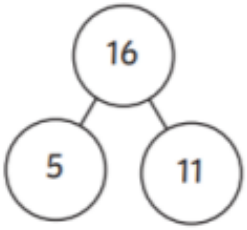


□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □

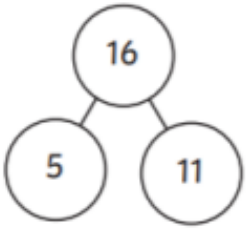


□ + □ = □

□ + □ = □

□ − □ = □

□ − □ = □



□ + □ = □

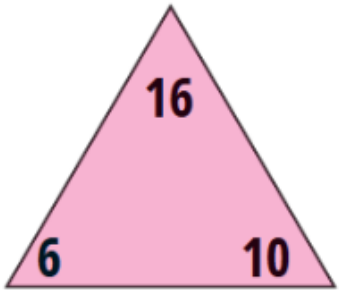
□ + □ = □

□ − □ = □

□ − □ = □

12. 11. 24

Fact families within 20

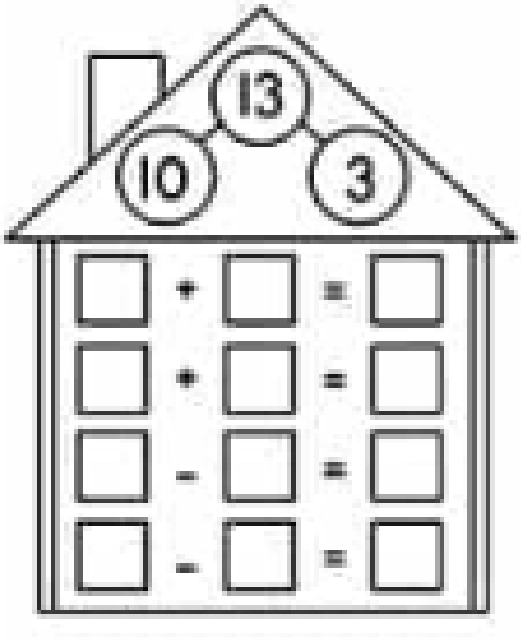


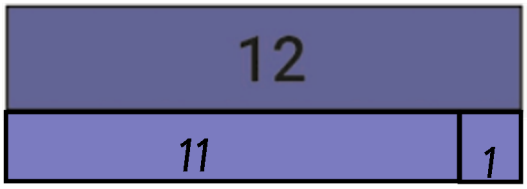
___+___=___

___+___=___

___-___=___

___-___=___



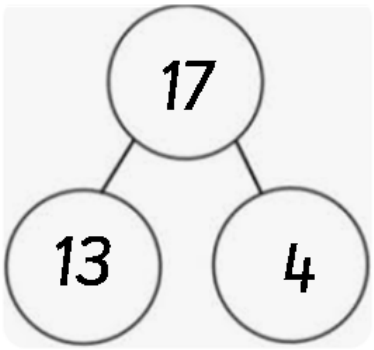


___+___=___

___+___=___

___-___=___

___-___=___



□ + □ = □

□ + □ = □

□ - □ = □

□ - □ = □

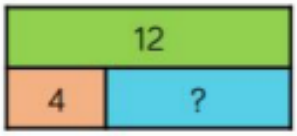
12. 11. 24

Fact families within 20—**challenge**

Complete the missing part of each bar model.

Then, write out the fact family for each bar model in your maths books.

Remember, one digit per square.



12. 11. 24

Fact families within 20—**challenge**

Complete the missing part of each bar model.

Then, write out the fact family for each bar model in your maths books.

Remember, one digit per square.

12. 11. 24

Fact families within 20—**challenge**

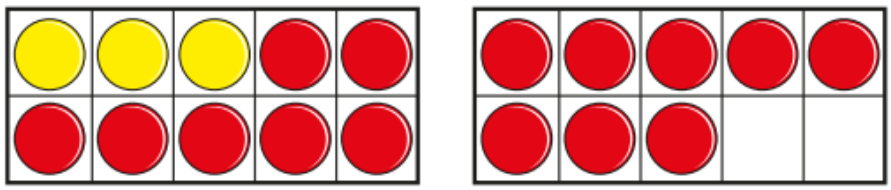
Complete the missing part of each bar model.

Then, write out the fact family for each bar model in your maths books.

Remember, one digit per square.

Lesson 3—collaborative

Here is a number shown on ten frames.

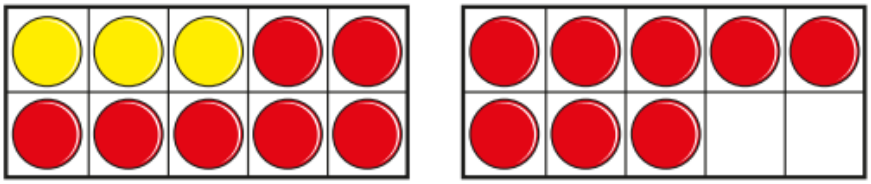


Complete the fact family to match the ten frames.

_____ + _____ = 18 18 – _____ = _____

_____ + _____ = 18 18 – _____ = _____

Here is a number shown on ten frames.

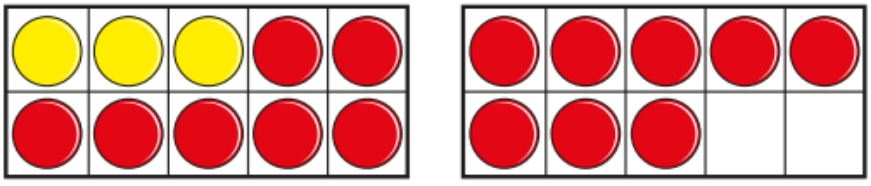


Complete the fact family to match the ten frames.

_____ + _____ = 18 18 – _____ = _____

_____ + _____ = 18 18 – _____ = _____

Here is a number shown on ten frames.



Complete the fact family to match the ten frames.

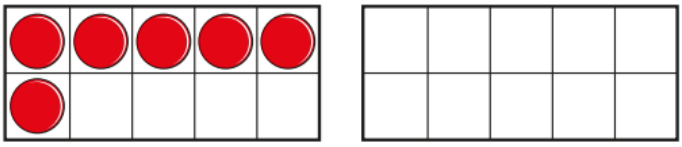
_____ + _____ = 18 18 – _____ = _____

_____ + _____ = 18 18 – _____ = _____

13. 11. 24

Fact families within 20—sheet 1

Ann puts some counters on a ten frame.



How many more counters does Ann need to make 20?

Write a number sentence to show the bond to 20

Write the fact family for the number sentence.

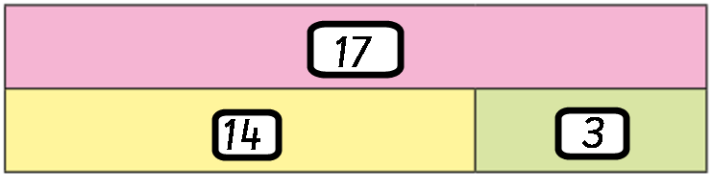
___ + ___ = ___

___ + ___ = ___

___ - ___ = ___

___ - ___ = ___

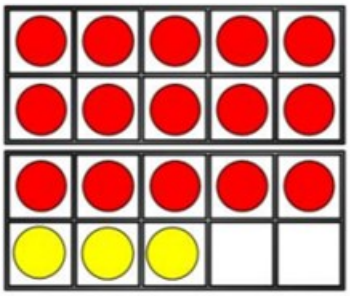
Use the bar model to complete the number sentences.



3 + ☐ = 17

☐ − ☐ = 14

Circle the addition and subtraction number sentences that match the ten frames.



15 + 3 = 18

15 − 3 = 18

3 + 18 = 15

18 − 15 = 3

18 + 3 = 15

18 − 3 = 15

18 = 3 + 15

15 − 18 = 3

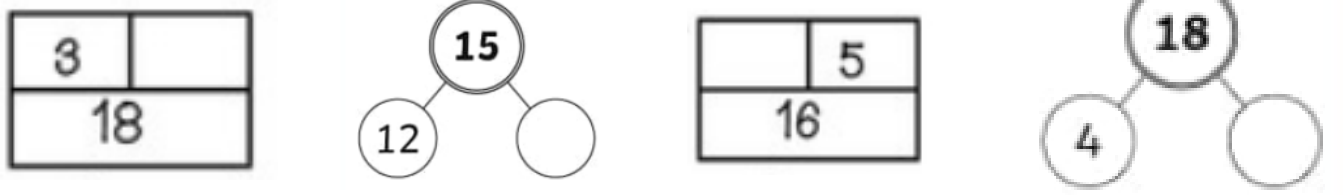
13. 11. 24

Fact families within 20—sheet 2

Complete the missing part of each bar model or part-part whole model.

Then, write out the fact family in your maths book.

Remember—one digit per square



13. 11. 24

Fact families within 20—sheet 2

Complete the missing part of each bar model or part-part whole model.

Then, write out the fact family in your maths book.

Remember—one digit per square