Teacher notes

Laminate the subtraction ten-frame sheet for repeated use with a dry-erase pen.
Children will use manipulatives such as counters to represent the subtraction problem. Alternatively, this activity can be completed in books.

DEVELOPING	★ ☆ ☆	Children will be given pictorial representations of subtraction problems to solve.
SECURE	★ ★ ☆	Children will be given written subtraction problems to solve.
MASTERY	★ ★ ★	Children will solve written subtraction problems then progress to using the inverse to calculate the subtrahend.

Step 1: Children will represent the subtraction problem by using manipulatives to represent the starting number. They will complete the first two parts of the subtraction calculation.

Subtraction ten frames

Select a subtraction problem. Represent it. Then complete the calculation and show it on a number line.

$13 - 5 = \boxed{}$

Step 2: They will then remove the number according to the subtrahend. The remaining manipulatives will help them complete the subtraction calculation.

Subtraction ten frames

Select a subtraction problem. Represent it. Then complete the calculation and show it on a number line.
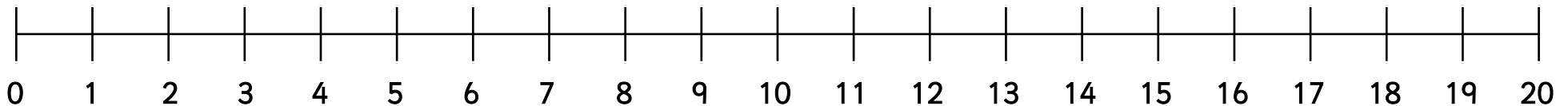
$13 - 5 = 8$

Step 3:. Children will check their answer using a number line showing the jumps.
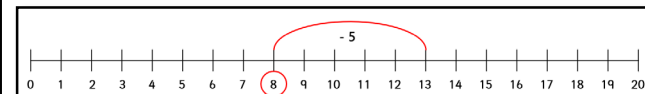
- 5

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Subtraction ten frames

Select a subtraction problem. Represent it. Then complete the calculation and show it on a number line.

$$\Box - \Box = \Box$$
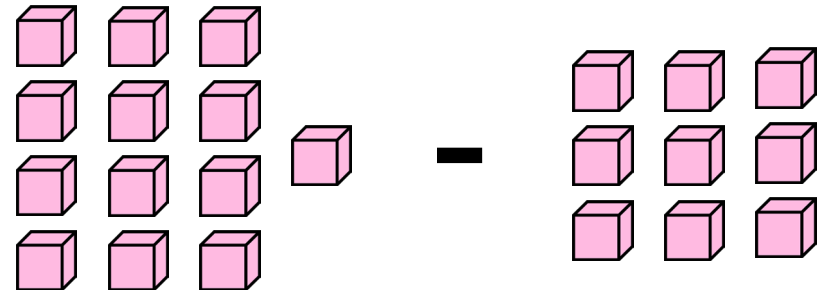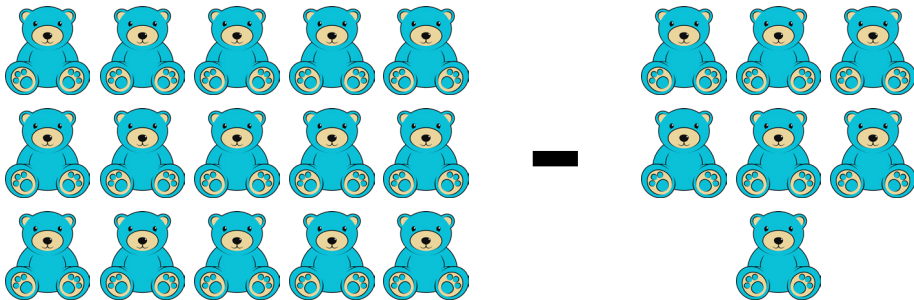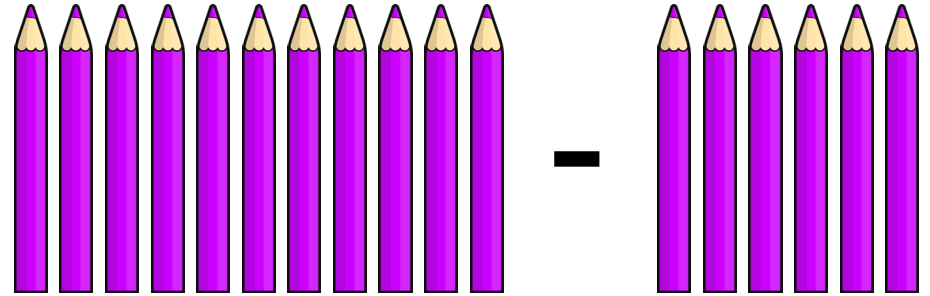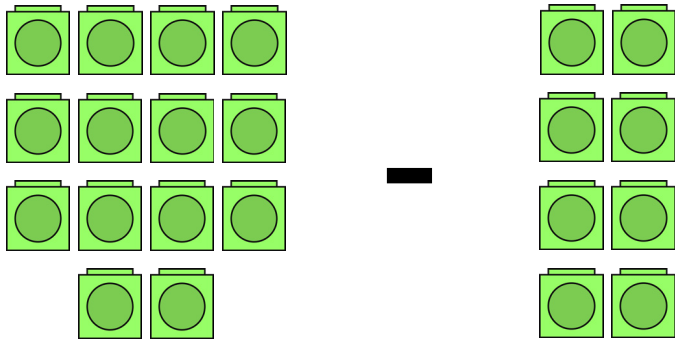
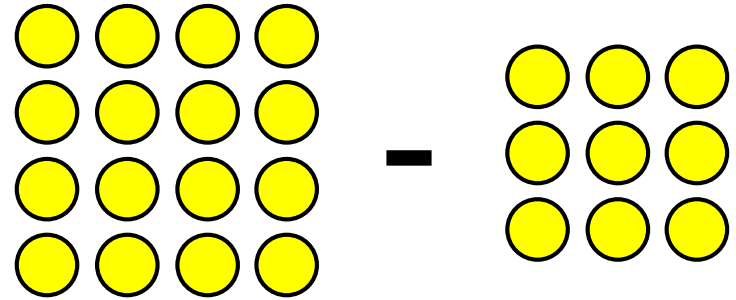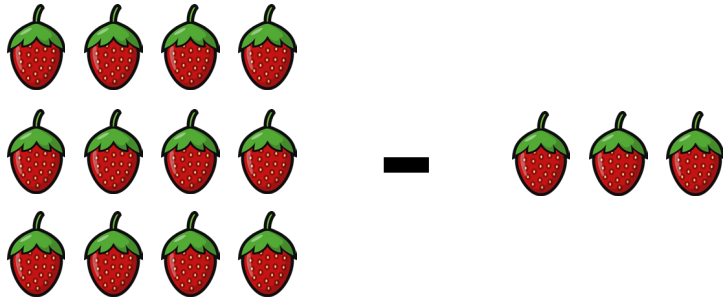| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

Subtraction calculations

★ ☆ ☆

Select a subtraction problem and show on the ten frames to help you complete the calculation.

Subtraction calculations

★ ★ ☆

Select a subtraction problem and show on the ten frames to help you complete the calculation.

First, there were 13. Then, 5 were taken away. Now there are ____.	First, there were 12. Then, 3 were taken away. Now there are ____.	First, there were 14. Then, 5 were taken away. Now there are ____.
First, there were 17. Then, 9 were taken away. Now there are ____.	First, there were 16. Then, 8 were taken away. Now there are ____.	First, there were 13. Then, 9 were taken away. Now there are ____.
First, there were 14. Then, 8 were taken away. Now there are ____.	First, there were 11. Then, 4 were taken away. Now there are ____.	First, there were 15. Then, 6 were taken away. Now there are ____.

Subtraction calculations ★ ★ ★

Select a subtraction problem and show on the ten frames to help you complete the calculation.

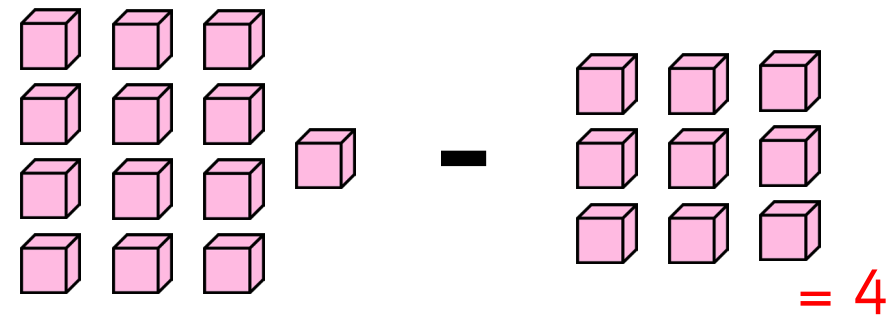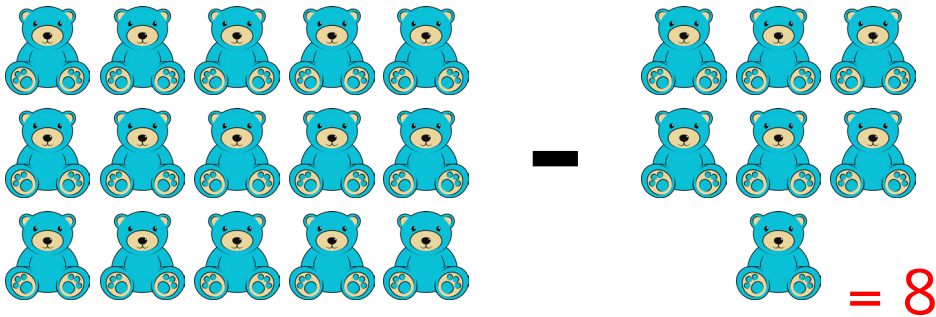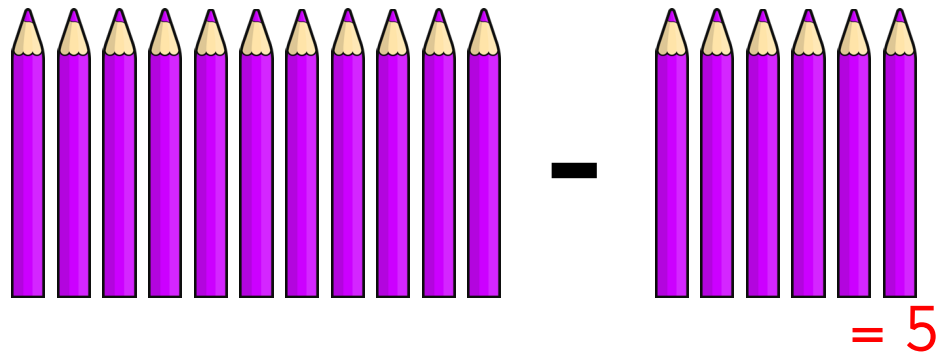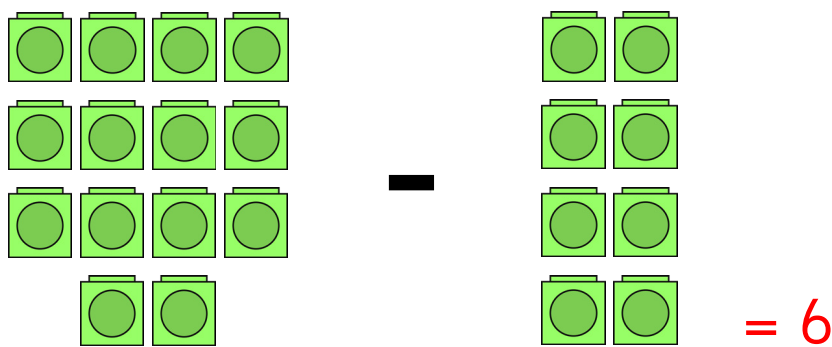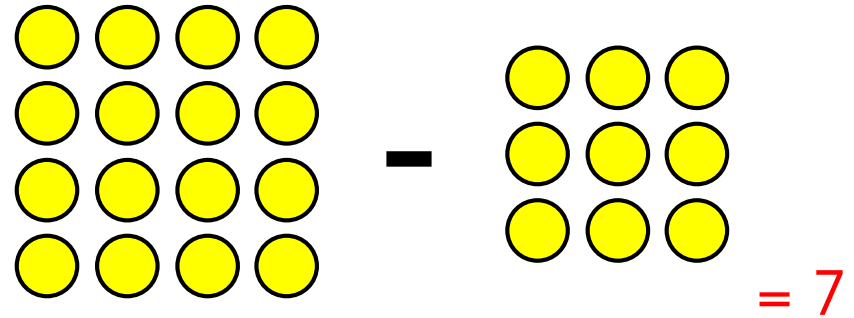|		
First, there were 12. Then, ____ were taken away. Now there are 7.	First, there were 15. Then, ____ were taken away. Now there are 6.	First, there were 14. Then, ____ were taken away. Now there are 6.
First, there were 13. Then, ____ were taken away. Now there are 5.	First, there were 16. Then, ____ were taken away. Now there are 8.	First, there were 13. Then, ____ were taken away. Now there are 7.
First, there were 18. Then, ____ were taken away. Now there are 9.	First, there were 15. Then, ____ were taken away. Now there are 7.	First, there were 17. Then, ____ were taken away. Now there are 8.

★ ☆ ☆

Select a subtraction problem and show on the ten frames to help you complete the calculation.

= 9

= 7

= 6

= 5

= 8

= 4

Answers - Subtraction calculations
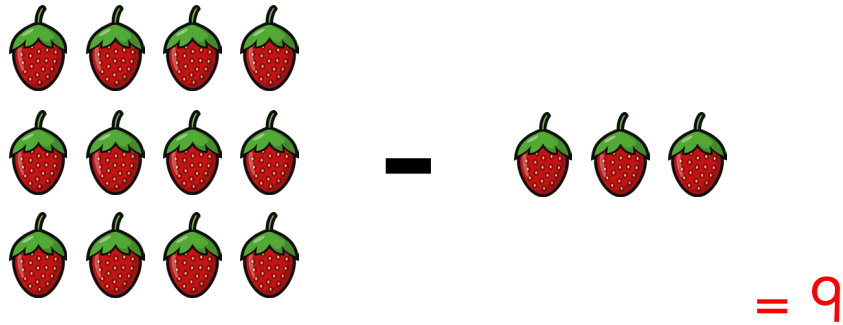
Select a subtraction problem and show on the ten frames to help you complete the calculation.

First, there were 13. Then, 5 were taken away. Now there are 8.	First, there were 12. Then, 3 were taken away. Now there are 9.	First, there were 14. Then, 5 were taken away. Now there are 9.
First, there were 17. Then, 9 were taken away. Now there are 8.	First, there were 16. Then, 7 were taken away. Now there are 9.	First, there were 13. Then, 9 were taken away. Now there are 4.
First, there were 14. Then, 8 were taken away. Now there are 6.	First, there were 11. Then, 4 were taken away. Now there are 7.	First, there were 15. Then, 8 were taken away. Now there are 7.

Select a subtraction problem and show on the ten frames to help you complete the calculation.

First, there were 12. Then, 5 were taken away. Now there are 7.	First, there were 15. Then, 9 were taken away. Now there are 6.	First, there were 14. Then, 8 were taken away. Now there are 6.
First, there were 13. Then, 8 were taken away. Now there are 5.	First, there were 16. Then, 8 were taken away. Now there are 8.	First, there were 13. Then, 6 were taken away. Now there are 7.
First, there were 18. Then, 9 were taken away. Now there are 9.	First, there were 15. Then, 7 were taken away. Now there are 8.	First, there were 17. Then, 9 were taken away. Now there are 8.