

Subtraction Strategies

AC

EA

AA

AM

AP

Subtraction in Parts

We are learning to subtract by splitting numbers into parts instead of counting down.

Exercise 1

Meera looked at $55 - 18$ and said this is the same as $55 - 10 - 8$ even though she did not work out the answer. How did she know?

For each of the following problems circle true or false.

- | | |
|---|------------|
| 1) $41 - 15$ is the same as $41 - 10 - 5$ | T F |
| 2) $68 - 29$ is the same as $68 - 20 - 8$ | T F |
| 3) $73 - 15$ is the same as $73 - 5 - 20$ | T F |
| 4) $85 - 19$ is the same as $85 - 11 - 8$ | T F |
| 5) $43 - 29$ is the same as $43 - 20 - 3$ | T F |
| 6) $44 - 15$ is the same as $44 - 5 - 10$ | T F |
| 7) $58 - 19$ is the same as $58 - 12 - 7$ | T F |
| 8) $36 - 17$ is the same as $36 - 7 - 10$ | T F |

Exercise 2

For each of the following fill in the box or circle.

- | | | |
|-----------------------------------|--|--|
| 1) $55 - 18 = 55 - 10 - \square$ | (2) $65 - 19 = 65 - 9 - \square$ | (3) $46 - 28 = 46 - 8 - \square$ |
| 4) $41 - 12 = 41 - 6 - \square$ | (5) $94 - 25 = 94 - \square - 5$ | (6) $62 - 28 = 62 - 20 - \square$ |
| 7) $36 - 17 = 36 - \square - 10$ | (8) $52 - 25 = 52 - 20 - \square$ | (9) $63 - 36 = 63 - \square - 6$ |
| 10) $73 - 15 = 73 - 10 - \square$ | (11) $423 - 17 = 423 - \square - \bigcirc$ | (12) $306 - 27 = 306 - \square - \bigcirc$ |

Subtraction in parts

Answers

Exercise 1

$8 + 10 = 18$ so take away 8 take away 10 is the same as taking away 18

1)T

5)F

(2)F

(6)T

(3)F

(7)T

(4)T

(8)T

Exercise 2

1) $55 - 18 = 55 - 10 - 8$

(2) $65 - 19 = 65 - 9 - 10$

(3) $46 - 28 = 46 - 8 - 20$

4) $41 - 12 = 41 - 6 - 6$

(5) $94 - 25 = 94 - 20 - 5$

(6) $62 - 28 = 62 - 20 - 8$

7) $36 - 17 = 36 - 7 - 10$

(8) $52 - 25 = 52 - 20 - 5$

(9) $63 - 36 = 63 - 30 - 6$

10) $73 - 15 = 73 - 10 - 5$

(11) $423 - 17 = 423 - \square - \bigcirc$ any combination of numbers that add to 17

(12) $306 - 27 = 306 - \square - \bigcirc$ any combination of numbers that add to 27