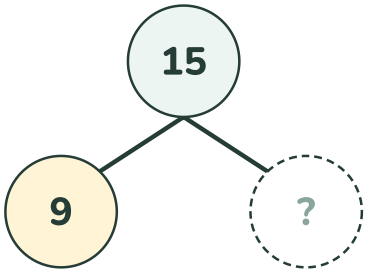
Fact families and missing numbers

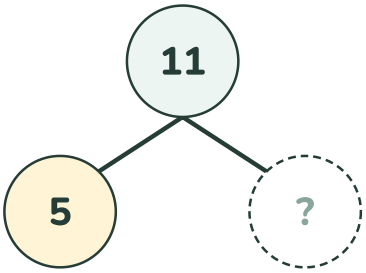
Name	Date

Part 1 Missing numbers

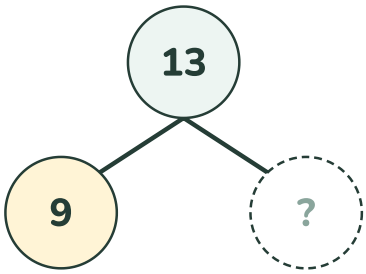
1 $9 + \square = 15$



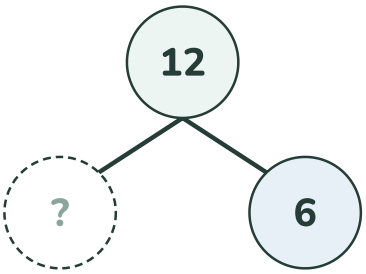
2 $11 - \square = 5$



3 $9 + \square = 13$

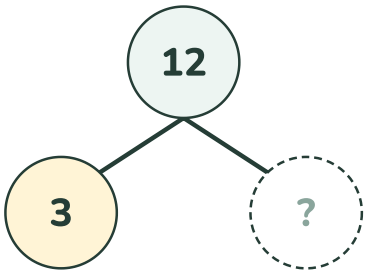


4 $\square + 6 = 12$

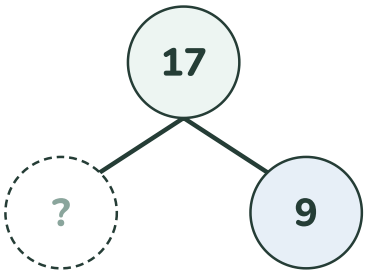


Fact families and missing numbers

5 $3 + \square = 12$



6 $\square + 9 = 17$



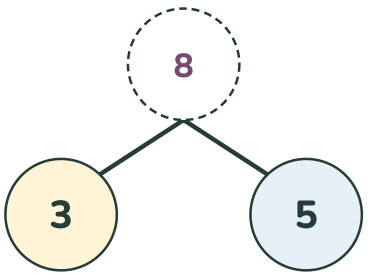
Part 2 The missing fact

7 The numbers 3, 5 and 8 make a fact family. Three of its facts are below. What is the missing fact?

$3 + 5 = 8$

$5 + 3 = 8$

$8 - 3 = 5$

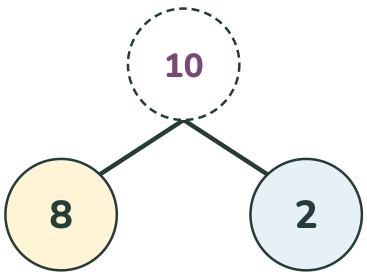


8 The numbers 8, 2 and 10 make a fact family. Three of its facts are below. What is the missing fact?

$8 + 2 = 10$

$2 + 8 = 10$

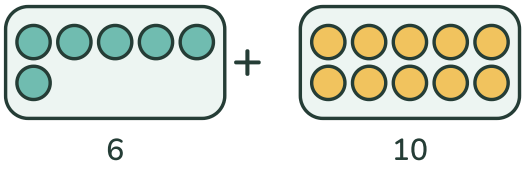
$10 - 2 = 8$



Fact families and missing numbers

Part 3 Turn-around facts

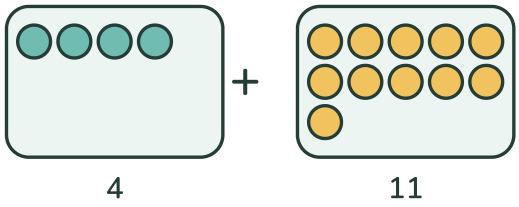
9 Which addition has the same sum as 6 + 10?



○ 10 + 7 ○ 6 + 6 ○ 10 + 6

○ 10 – 6

10 Which addition has the same sum as 4 + 11?

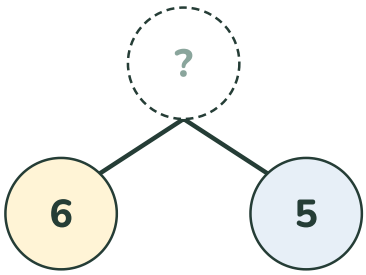


○ 11 – 4 ○ 11 + 4

○ 4 + 4 ○ 11 + 5

Part 4 Check with subtraction

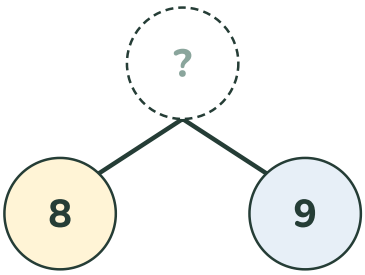
11 Which subtraction checks 6 + 5 = 11?



○ 5 – 6 = 1 ○ 11 – 6 = 6

○ 11 + 5 = 16 ○ 11 – 5 = 6

12 Which subtraction checks 8 + 9 = 17?



○ 17 – 9 = 8

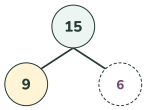
○ 17 – 8 = 10

○ 17 + 9 = 26 ○ 9 – 8 = 1

Fact families and missing numbers

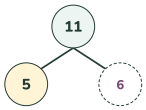
Part 1 Missing numbers

1 9 + ☐ = 15



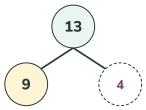
Answer: 6

2 11 − ☐ = 5



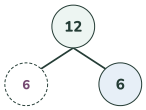
Answer: 6

3 9 + ☐ = 13



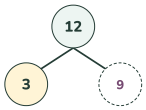
Answer: 4

4 ☐ + 6 = 12



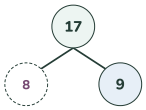
Answer: 6

5 3 + ☐ = 12



Answer: 9

6 ☐ + 9 = 17

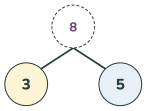


Answer: 8

Part 2 The missing fact

7 The numbers 3, 5 and 8 make a fact family. Three of its facts are below. What is the missing fact?

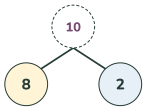
3 + 5 = 8
5 + 3 = 8
8 − 3 = 5



Answer: 8 − 5 = 3

8 The numbers 8, 2 and 10 make a fact family. Three of its facts are below. What is the missing fact?

8 + 2 = 10
2 + 8 = 10
10 − 2 = 8



Answer: 10 − 8 = 2

Part 3 Turn-around facts

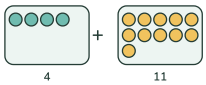
9 Which addition has the same sum as 6 + 10?



○ 10 + 7 ○ 6 + 6 ○ 10 + 6 ○ 10 − 6

Answer: 10 + 6

10 Which addition has the same sum as 4 + 11?

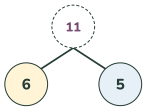


○ 11 − 4 ○ 11 + 4 ○ 4 + 4 ○ 11 + 5

Answer: 11 + 4

Part 4 Check with subtraction

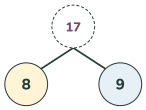
11 Which subtraction checks 6 + 5 = 11?



○ 5 − 6 = 1 ○ 11 − 6 = 6 ○ 11 + 5 = 16 ○ 11 − 5 = 6

Answer: 11 − 5 = 6

12 Which subtraction checks 8 + 9 = 17?



○ 17 − 9 = 8 ○ 17 − 8 = 10 ○ 17 + 9 = 26 ○ 9 − 8 = 1

Answer: 17 − 9 = 8