Arithmetic

| **1.** 237 − 100 | **2.** 492 − 300 | **3.** 23 x 8 | **4.** 72 ÷ 4 |

Practice: Add Fractions

5. Recap: Explain how to add the fractions below, include a diagram.

$\frac{1}{7} + \frac{3}{7}$

**6.** Use the diagram to help you calculate

$\frac{2}{5} + \frac{1}{5}$

7. Use the diagram to help you calculate

$\frac{2}{7} + \frac{4}{7}$
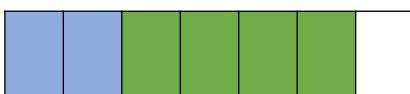
8. Use the diagram to help you calculate

$\frac{4}{6} + \frac{1}{6}$
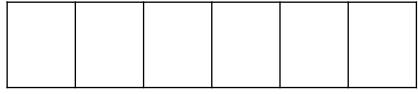
9. Use the diagram to help you calculate

$\frac{5}{9} + \frac{1}{9} + \frac{2}{9}$
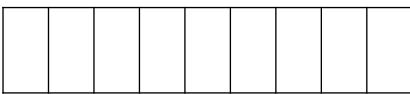
10. Look at the calculation. Explain why the denominator does not change in the answer, even though the answer is over one whole. $\frac{4}{5} + \frac{2}{5} = \frac{6}{5}$

11. Complete the calculations.

a. $\frac{5}{11} + \frac{4}{11}$

b. $\frac{6}{10} + \frac{4}{10}$

12. What is the missing fraction?

$\frac{5}{13} + \boxed{} = \frac{9}{13}$

13. $\frac{4}{6} + \frac{2}{6} = \frac{6}{12}$

Is the answer correct?

Explain your answer.

Challenge

14. Write a fraction addition calculation that would give the answer $\frac{8}{10}$.

And another...

And another...

And another...

💬 **You might want to talk to an adult**

🔍 **Spot the mistake**

Answers

Q no.	Question	Answer
1	237 – 100	137
2	492 – 300	192
3	23 x 8	184
4	72 ÷ 4	18
5	Explain how to add the fractions below, include a diagram.	$\frac{1}{7} + \frac{3}{7} = \frac{4}{7}$. When adding fractions with the same denominator, the denominator remains the same and the numerator is added. Answers should include an appropriate pictorial representation.
6	$\frac{2}{5} + \frac{1}{5}$	$\frac{3}{5}$
7	$\frac{2}{7} + \frac{4}{7}$	$\frac{6}{7}$
8	$\frac{4}{6} + \frac{1}{6}$	$\frac{5}{6}$
9	$\frac{5}{9} + \frac{1}{9} + \frac{2}{9}$	$\frac{8}{9}$
10	Look at the calculation. Explain why the denominator does not change in the answer, even though the answer is over one whole.	The denominator does not change as the whole has still been split into 5 equal parts, regardless of the number of wholes in the answer.
11	Complete the calculations.	a. $\frac{9}{11}$, b. $\frac{10}{10}$ or 1
12	What is the missing fraction?	$\frac{4}{13}$
13	Is the answer correct? Explain your answer.	The answer is incorrect as the denominators have been added as well as the numerators. The correct answer is $\frac{6}{6}$ or 1.
14	Write a fraction addition calculation that would give the answer $\frac{8}{10}$.	Accept any calculations that would produce the answer $\frac{8}{10}$. $\frac{1}{10} + \frac{7}{10}$ $\frac{2}{10} + \frac{6}{10}$ $\frac{3}{10} + \frac{5}{10}$ $\frac{4}{10} + \frac{4}{10}$ Calculations can be reversed to produce a different calculation.