Addition/subtraction

6 questions | 11 marks

Equivalent correct methods earn the corresponding marks.

1. Calculate $\frac{3}{8}+\frac{1}{8}$. [1 mark]

$\frac{4}{8}$ simplifies to $\frac{1}{2}$.

Answer: $\frac{1}{2}$.

2. Calculate $\frac{1}{2}+\frac{1}{5}$. [2 marks]

$\frac{5}{10}+\frac{2}{10}=\frac{7}{10}$.

Answer: $\frac{7}{10}$.

3. Calculate $\frac{5}{6}-\frac{1}{4}$. [2 marks]

$\frac{10}{12}-\frac{3}{12}=\frac{7}{12}$.

Answer: $\frac{7}{12}$.

4. Calculate $\frac{3}{4}+\frac{2}{3}$. [2 marks]

$\frac{9}{12}+\frac{8}{12}=\frac{17}{12}$.

Answer: $\frac{17}{12}=1\frac{5}{12}$.

5. Calculate $2-\frac{3}{5}$. [2 marks]

$2=\frac{10}{5}$; $\frac{10}{5}-\frac{3}{5}=\frac{7}{5}$.

Answer: $1\frac{2}{5}$.

6. A ribbon is $\frac{7}{8}$ metre long. A $\frac{1}{4}$ metre piece is removed. What remains? [2 marks]

$\frac{1}{4}=\frac{2}{8}$; $\frac{7}{8}-\frac{2}{8}=\frac{5}{8}$.

Answer: $\frac{5}{8}$ metre.