Adding and Subtracting Fractions

Examples:

$$\frac{2}{5}+\frac{3}{5}=\frac{5}{5}=1$$

$$\frac{1}{3}+\frac{2}{9}=\frac{3}{9}+\frac{2}{9}=\frac{5}{9}$$

$$\frac{2}{4}-\frac{1}{5}=\frac{10}{20}-\frac{4}{20}=\frac{6}{10}=\frac{3}{5}$$

$$2\frac{1}{2}-\frac{2}{7}=\frac{5}{2}-\frac{2}{7}=\frac{35}{14}-\frac{4}{14}=\frac{31}{14}$$

Remember: The denominator must be the same, if you can't find a common factor multiply the denominators of the fractions first.

Q1) $\frac{1}{7}+\frac{4}{7}=$

Q2) $\frac{6}{7}-\frac{3}{14}=$

Q3) $\frac{5}{3}+\frac{4}{5}=$

Q4) $\frac{5}{4}-\frac{2}{4}=$

Q5) $\frac{7}{3}-\frac{11}{10}=$

Q6) $\frac{2}{7}+\frac{1}{9}=$

Q7) $\frac{4}{9}-\frac{3}{10}=$

Q8) $\frac{1}{3}+\frac{1}{12}=$

Q9) $\frac{5}{3}-\frac{2}{9}=$

Q10) $\frac{8}{3}+\frac{6}{5}=$

Q11) Tom shares a pizza with his parents. He gives his mum $\frac{1}{4}$ of the pizza, and his dad $\frac{3}{10}$ of it. How much has Tom given away in total? How much does he have left for himself?

Q12) What is the value of $\frac{2}{3} + \frac{4}{5} - \frac{1}{2}$?

Q13) On Jane's birthday she receives a birthday cake. She gives $\frac{1}{4}$ to her sister and $\frac{1}{3}$ to her brother. Because she was so generous, her mum gives her an extra $\frac{1}{6}$ of cake. How much is Jane left with?