Adding and Subtracting Fractions with Same Denominators

Practise adding and subtracting fractions, then simplify where possible.

Name _____ **Date** _____

Remember: add or subtract the numerators and keep the denominator the same. Simplify your answer where possible.

A. Calculate

Write each answer as a fraction.

1. $\frac{2}{9} + \frac{4}{9} =$ _____
2. $\frac{7}{10} - \frac{3}{10} =$ _____
3. $\frac{3}{8} + \frac{2}{8} =$ _____
4. $\frac{11}{12} - \frac{5}{12} =$ _____
5. $\frac{1}{6} + \frac{4}{6} =$ _____
6. $\frac{9}{11} - \frac{2}{11} =$ _____
7. $\frac{5}{14} + \frac{6}{14} =$ _____
8. $\frac{13}{15} - \frac{7}{15} =$ _____

B. Calculate and simplify

Give each answer in its simplest form.

9. $\frac{3}{10} + \frac{5}{10} =$ _____
10. $\frac{11}{12} - \frac{7}{12} =$ _____
11. $\frac{4}{9} + \frac{2}{9} =$ _____
12. $\frac{15}{16} - \frac{7}{16} =$ _____
13. $\frac{5}{8} + \frac{1}{8} =$ _____
14. $\frac{14}{18} - \frac{8}{18} =$ _____
15. $\frac{7}{20} + \frac{9}{20} =$ _____
16. $\frac{17}{21} - \frac{8}{21} =$ _____

C. Fractions in context

Show your working and simplify where possible.

17. A jug contains $\frac{2}{9}$ litre of juice. Another $\frac{4}{9}$ litre is poured in. How much juice is in the jug now?

    Working _____

    Answer _____

18. A ribbon is $\frac{11}{12}$ metre long. Sam uses $\frac{5}{12}$ metre. How much ribbon is left?

    Working _____

    Answer _____

19. A tank is $\frac{13}{15}$ full. Then $\frac{4}{15}$ of the tank is used. What fraction of the tank is still full?

    Working _____

    Answer _____