1 Complete the equivalent fractions.

a) $\frac{3}{10} = \frac{\square}{100} = \frac{\square}{1000}$ **b)** $\frac{7}{10} = \frac{\square}{100} = \frac{\square}{1000}$ **c)** $\frac{9}{10} = \frac{\square}{100} = \frac{\square}{1000}$

1
3 marks

2 Complete the equivalent fractions.

a) $\frac{67}{100} = \frac{\square}{1000}$ **b)** $\frac{55}{100} = \frac{\square}{1000}$ **c)** $\frac{81}{100} = \frac{\square}{1000}$

2
3 marks

3 Order each set of fractions, smallest to largest.

a) $\frac{3}{4}, \frac{1}{2}, \frac{2}{5}$ ____, ____, ____ **b)** $\frac{3}{8}, \frac{1}{4}, \frac{5}{16}$ ____, ____, ____

c) $\frac{1}{2}, \frac{2}{5}, \frac{3}{10}$ ____, ____, ____ **d)** $\frac{7}{12}, \frac{5}{6}, \frac{2}{3}$ ____, ____, ____

3
4 marks

4 Add these fractions. Show any working.

a) $\frac{1}{2} + \frac{3}{4} =$ ____ **b)** $\frac{1}{4} + \frac{3}{8} =$ ____ **c)** $\frac{1}{3} + \frac{5}{6} =$ ____

d) $\frac{3}{5} + \frac{7}{10} =$ ____ **e)** $\frac{1}{6} + \frac{5}{12} =$ ____ **f)** $\frac{2}{3} + \frac{2}{9} =$ ____

4
6 marks

5 Subtract these fractions. Show any working.

a) $\frac{4}{5} - \frac{1}{10} =$ ____ **b)** $\frac{5}{6} - \frac{7}{12} =$ ____ **c)** $\frac{3}{4} - \frac{5}{8} =$ ____

d) $\frac{2}{3} - \frac{4}{9} =$ ____ **e)** $\frac{1}{2} - \frac{3}{8} =$ ____ **f)** $\frac{7}{10} - \frac{2}{5} =$ ____

5
6 marks

6 In the morning, 8 friends ate $\frac{1}{2}$ a cake between them. In the afternoon they ate $\frac{2}{3}$ of the cake that was remaining. At the end of the day, how much of the cake was left?

6
2 marks

7 Would you rather have $\frac{4}{5}$ of £15 or $\frac{3}{4}$ of £16? Explain your reasoning.

7
2 marks

8 A recipe needs $1\frac{3}{4}$ cups of flour and $\frac{2}{3}$ of a cup of sugar. Altogether how much flour and sugar does the recipe need?

8
2 marks

9 A bottle of soft drink holds $1\frac{1}{2}$ litres. Samuel drinks $\frac{2}{5}$ of a litre in the morning and $\frac{3}{10}$ of a litre in the afternoon. At the end of the day how much of the soft drink is left?

9
2 marks