Adding fractions

Sheet 2

Use equivalent fractions to help you to add these pairs of fractions.

1. $\frac{1}{2} + \frac{3}{8}$
2. $\frac{1}{3} + \frac{1}{6}$
3. $\frac{2}{5} + \frac{1}{10}$
4. $\frac{3}{4} + \frac{1}{8}$
5. $\frac{3}{10} + \frac{1}{5}$
6. $\frac{2}{9} + \frac{1}{3}$
7. $\frac{2}{3} + \frac{1}{6}$
8. $\frac{3}{4} + \frac{3}{8}$
9. $\frac{1}{2} + \frac{7}{10}$
10. $\frac{1}{2} + \frac{5}{8}$
11. $\frac{1}{3} + \frac{5}{6}$
12. $\frac{4}{5} + \frac{3}{10}$

Challenge

Add pairs of fractions where the numerator is 1 and one denominator is double the other, e.g. $\frac{1}{2} + \frac{1}{4}$ or $\frac{1}{3} + \frac{1}{6}$ or $\frac{1}{4} + \frac{1}{8}$ or $\frac{1}{5} + \frac{1}{10}$ or $\frac{1}{6} + \frac{1}{12}$

Do you see a pattern? Can you explain it?