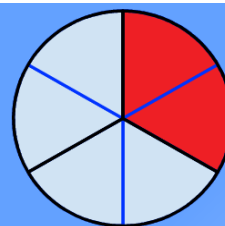
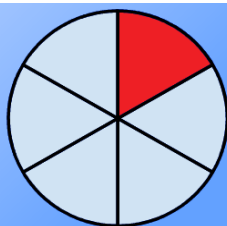


$$\frac{1}{6}$$

+

$$\frac{1}{3} = ?$$

To add or subtract a pair of fractions we must first convert them to the same denominator.



$$\frac{1}{6}$$

+

$$\frac{2}{6} = \frac{?}{6}$$

We can convert $\frac{1}{3}$ to $\frac{2}{6}$.

Then we can add $\frac{1}{6} + \frac{2}{6} = \frac{3}{6}$

E.g. $\frac{1}{2} + \frac{1}{4} = \frac{2}{4} + \frac{1}{4} = \frac{3}{4}$

1 $\frac{1}{5} + \frac{3}{10} =$

2 $\frac{1}{8} + \frac{3}{4} =$

3 $\frac{1}{3} - \frac{1}{6} =$

4 $\frac{2}{5} + \frac{1}{10} =$

5 $\frac{3}{4} - \frac{3}{8} =$

6 $\frac{7}{10} + \frac{3}{20} =$

7 $\frac{81}{100} - \frac{35}{50} =$

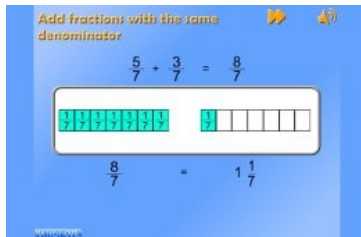
8 $\frac{4}{10} + \frac{32}{100} =$

9 $\frac{9}{10} - \frac{1}{2} =$

10 $\frac{3}{5} + \frac{2}{15} =$

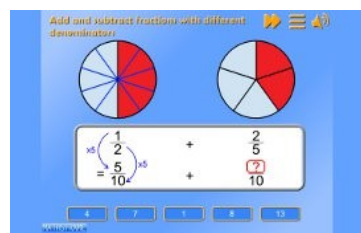
11 $\frac{5}{6} - \frac{7}{12} =$

Useful interactive games to teach the skills needed to calculate with fractions:



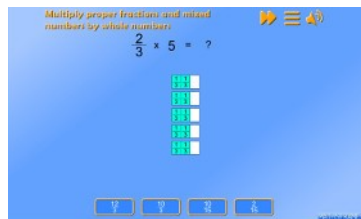
<http://mathsframe.co.uk/en/resources/resource/240/>
[Add Fractions Same Denominator](#)

Add fractions with the same denominator and then watch them being converted from improper fractions to mixed numbers.



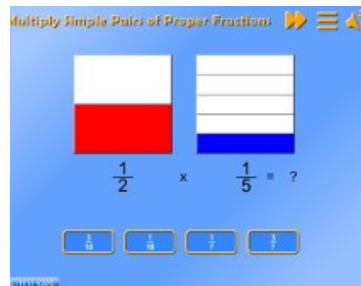
<http://mathsframe.co.uk/en/resources/resource/239/>
[Add and Subtract Fractions](#)

Add and subtract fractions with different denominators. The need to convert to the same denominator is reinforced by an animation, as is the process of adding and subtracting.



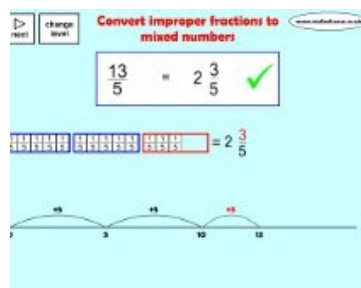
http://mathsframe.co.uk/en/resources/resource/259/Multiply_Fractions

Multiply fractions by whole numbers and then watch them transformed from improper fractions to mixed numbers.



<http://mathsframe.co.uk/en/resources/resource/291/>
[Multiply Simple Pairs Fractions](#)

Multiply pairs of fractions. Provides a useful visual aid to understand the process.



<http://mathsframe.co.uk/en/resources/resource/231/>
[convert improper fractions to mixed numbers](#)

Convert improper fractions to mixed numbers. Uses a number line to make the link to division. Also provides a visual representation of the regrouping of fractions into 'ones'.

There are many more games that help develop an understanding of fractions here: http://mathsframe.co.uk/en/resources/category/18/fractions_decimals_and_percentages

Answers:

- 1) 5/10 2) 7/8 3) 1/6 4) 5/10 5) 3/8 6) 11/20 7) 11/100 8) 8/100
 9) 4/10 10) 11/15 11) 3/12