

$$\begin{array}{|c|c|c|c|c|} \hline \frac{1}{5} & \frac{1}{5} & & & \\ \hline \end{array} + \begin{array}{|c|c|c|c|c|} \hline \frac{1}{5} & & & & \\ \hline \end{array} = \begin{array}{|c|c|c|c|c|} \hline \frac{1}{5} & \frac{1}{5} & \frac{1}{5} & & \\ \hline \end{array}$$

E.g.  $\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$

1  $\frac{3}{6} + \frac{2}{6} =$

2  $\frac{2}{8} + \frac{5}{8} =$

3  $\frac{1}{7} + \frac{2}{7} =$

4  $\frac{1}{10} + \frac{6}{10} =$

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

6  $\frac{3}{10} + \boxed{\phantom{00}} = \frac{7}{10}$

7  $\frac{40}{100} + \boxed{\phantom{00}} = \frac{45}{100}$

8  $\frac{8}{10} - \frac{5}{10} =$

9  $\frac{72}{100} - \frac{20}{100} =$

10  $\frac{9}{10} - \boxed{\phantom{00}} = \frac{5}{10}$

11  $\frac{7}{12} - \boxed{\phantom{00}} = \frac{2}{12}$

12  $\frac{17}{100} - \boxed{\phantom{00}} = \frac{10}{100}$

13  $\frac{79}{100} - \boxed{\phantom{00}} = \frac{1}{100}$

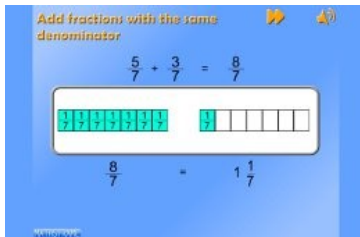
14  $1 - \frac{1}{10} =$

15  $1 - \frac{1}{5} =$

16  $1 - \boxed{\phantom{00}} = \frac{7}{10}$

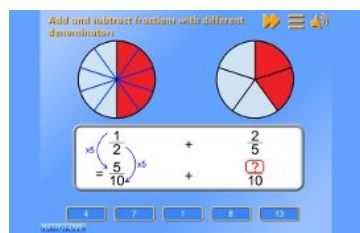
17  $1 - \boxed{\phantom{00}} = \frac{98}{100}$

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



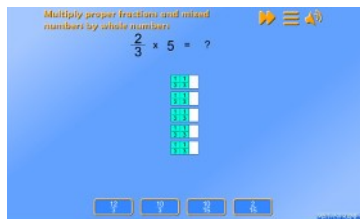
<http://mathsframe.co.uk/en/resources/resource/240/>  
[Add Fractions Same Denominator](#)

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



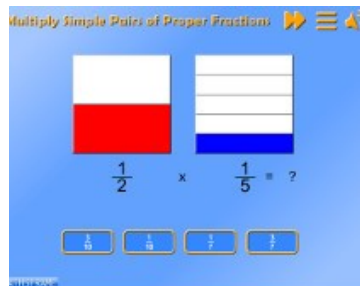
<http://mathsframe.co.uk/en/resources/resource/239/>  
[Add and Subtract Fractions](#)

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.



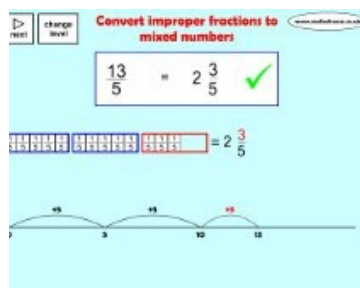
[http://mathsframe.co.uk/en/resources/resource/259/Multiply\\_Fractions](http://mathsframe.co.uk/en/resources/resource/259/Multiply_Fractions)

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](http://mathsframe.co.uk/en/resources/category/18/fractions_decimals_and_percentages)

Answers: 1) 5/6    2) 7/8    3) 3/7    4) 7/10    5) 4/9    6) 4/10    7) 5/100  
 8) 3/10    9) 52/100    10) 4/10    11) 5/12    12) 7/100    13) 78/100    14) 9/10    15) 4/5  
 16) 3/10    17) 2/100