

Add and subtract fractions with the same denominator and write mathematical statements > 1 as a mixed number

Write answers greater than 1 as a mixed number.

E.g.
$$\frac{3}{5} + \frac{3}{5} = \frac{6}{5} = 1\frac{1}{5}$$
1
 $\frac{2}{3} + \frac{2}{3} =$ 

2
 $\frac{7}{8} + \frac{6}{8} =$ 
3
 $\frac{5}{6} + \frac{4}{6} =$ 

4
 $\frac{7}{10} + \frac{9}{10} =$ 
5
 $\frac{8}{9} + \frac{5}{9} =$ 

6
 $\frac{9}{10} + 1 = 1\frac{3}{10}$ 
7
 $\frac{57}{100} + 1 = 1\frac{9}{100}$ 

8
 $\frac{8}{10} - \frac{5}{10} =$ 
9
 $\frac{72}{100} - \frac{21}{100} =$ 

10
 $1 - \frac{7}{10} =$ 
11
 $1 - \frac{3}{5} =$ 

12
 $2\frac{1}{4} - \frac{2}{4} =$ 
13
 $4\frac{1}{5} - \frac{3}{5} =$ 

14
 $2 - 1 = 1\frac{1}{10}$ 
15
 $3 - 1 = 2\frac{95}{100}$ 

16
 $2\frac{3}{8} - 1 = 1\frac{6}{8}$ 
17
 $4\frac{3}{10} - 1 = 3\frac{4}{10}$ 

18
 $8\frac{2}{9} - 1 = 7\frac{7}{9}$ 
19
 $6\frac{23}{100} - 1 = 5\frac{85}{100}$ 

v1 created 30/3/17

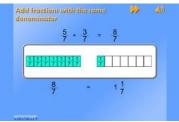


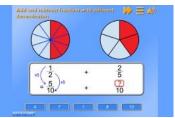
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Teacher's notes

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

Add Fractions Same Denominator





 $\frac{2}{3} \times 5 =$ 

Hultiply Simple Pairs of Proper Frastians \, 📂 🚍 🎪

P change level

> 13 5

 $\frac{1}{5}$   $\frac{1}$ 

http://mathsframe.co.uk/en/resources/resource/240/

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: <u>http://mathsframe.co.uk/en/resources/</u> <u>category/18/fractions\_decimals\_and\_percentages</u>

Answers:	1) 1 1/3	2) 1 5/8	3) 1 3/6	4) 1 6/10	5) 1 4/9	6) 4/10	7) 52/100
8) 3/10	9) 51/100	10) 3/10	11) 2/5	12) 1 3/4	13) 3 2/5	14) 9/10	15) 5/100
16) 5/8	17) 9/10	18) 4/9	19) 38/10	0			