# Finding Fractions using the Bar Model — Revision





For Help Videos and Answers to the questions on these topics go to...

# Adding and Subtracting Fractions — Revision



Worked Example If one denominator is not a multiple of t change both of them to a common mult <u><u>3</u><u>1</u></u>	he other you will need to iple	<ul> <li>Show lots of working out for these questions</li> </ul>
$ \begin{array}{c} \mathbf{x3} \begin{pmatrix} 4 + 6 \\ 0 \end{pmatrix} \end{array} $	x2	• You might only need to change the denominator of 1 of the fractions
$\frac{9}{12} + \frac{2}{12}$	$=\frac{11}{12}$	• Always try and cancel down your an swer or leave as a mixed number
Adding and Subtrac	cting Fractions	
1) $\frac{2}{7} + \frac{3}{14} =$	2) $\frac{2}{3} + \frac{1}{9} =$	3) $\frac{15}{44} - \frac{3}{11} =$
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	5) $\frac{2}{5} + \frac{1}{3} =$	$\begin{array}{c} 6)  \underline{3} \\ 10  -  \underline{1} \\ 4  = \end{array}$
7) $\frac{2}{3} + \frac{2}{7} =$	$(8)$ $\frac{3}{8}$ + $\frac{5}{6}$ =	
Adding and Subtrac	cting Mixed Num	bers
<b>1)</b> $1\frac{2}{5} + 1\frac{1}{6}$		<b>3) 1</b> <sup>6</sup> / <sub>7</sub> - 1 <sup>1</sup> / <sub>3</sub>
<sup>2)</sup> 2 $\frac{3}{4}$ + 3 $\frac{2}{3}$		4) 3 $\frac{1}{4}$ - 1 $\frac{5}{6}$

For Help Videos and Answers to the questions on these topics go to...

## Multiplying and Dividing Fractions — Revision



### **Multiplying Fractions**

Worked Example $\frac{2}{5} \times \frac{3}{8} = \frac{6}{40} = \frac{3}{20}$	TOP TIPS• Do NOT make the bottoms the same• Just multiply the tops and bottoms together• Cancel down your answer
1) $\frac{1}{3} \times \frac{2}{5} =$	5) $\frac{4}{7} \times \frac{1}{12} =$
2) $\frac{3}{8} \times \frac{10}{11} = 1$	6) $\frac{5}{9} \times \frac{3}{20} =$
3) $\frac{8}{9} \times \frac{3}{4} =$	7) $\frac{9}{10} \times \frac{5}{6} =$
4) $\frac{2}{15} \times \frac{5}{6} =$	8) $\frac{3}{10} \times 1\frac{2}{3} =$

#### **Dividing Fractions**



For Help Videos and Answers to the questions on these topics go to...

#### **ANSWERS - Fractions**



#### For Help Videos and Answers to the questions on these topics go to...