

Write these improper fractions as **mixed numbers**.

1	$\frac{5}{3} =$	2	$\frac{8}{5} =$	3	$\frac{13}{10} =$	4	$\frac{11}{4} =$
5	$\frac{117}{100} =$	6	$\frac{33}{10} =$	7	$\frac{22}{5} =$	8	$\frac{97}{10} =$

Write these mixed numbers as **improper fractions**.

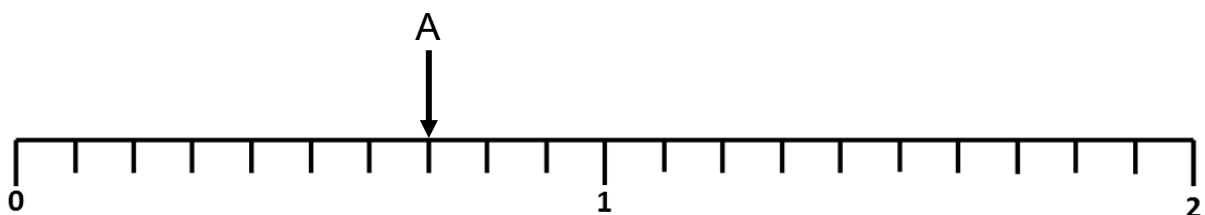
9	$1\frac{1}{3} =$	10	$1\frac{3}{4} =$	11	$2\frac{1}{5} =$	12	$4\frac{7}{10} =$
13	$4\frac{1}{5} =$	14	$1\frac{6}{7} =$	15	$7\frac{1}{8} =$	16	$5\frac{11}{12} =$

Write the answers as **mixed numbers**.

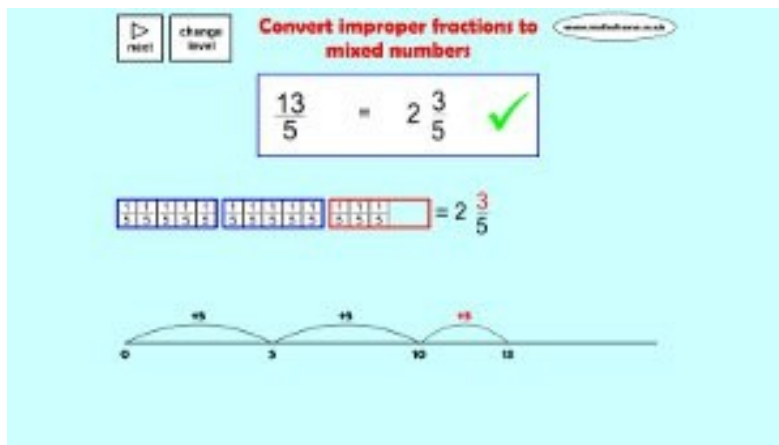
17	$\frac{2}{3} + \frac{2}{3} =$	18	$\frac{3}{5} + \frac{4}{5} =$	19	$\frac{9}{10} + \frac{4}{10} =$
20	$2 - \frac{1}{4} =$	21	$3 - \frac{3}{10} =$	22	$2\frac{9}{10} + \frac{8}{10} =$

23 Draw arrows to show the position of these fractions on the number line.  
The first one has been done for you.

A	$\frac{7}{10}$	B	$\frac{13}{10}$	C	$\frac{3}{2}$	D	$\frac{19}{10}$	E	$\frac{6}{5}$
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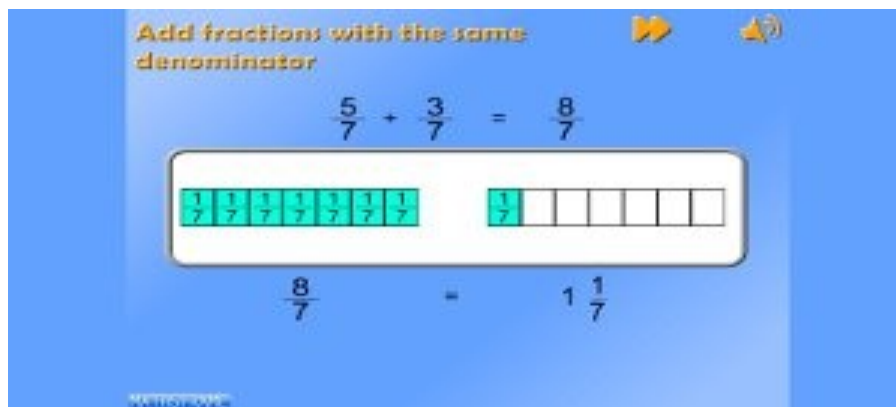


Useful interactive games to teach improper fractions and mixed numbers.



[http://mathsframe.co.uk/en/resources/resource/231/convert\\_improper\\_fractions\\_to\\_mixed\\_numbers](http://mathsframe.co.uk/en/resources/resource/231/convert_improper_fractions_to_mixed_numbers)

Provides a visual representation to help children see the relationship between improper fractions and mixed numbers. The link with multiplication and division is made using a number line.



[http://mathsframe.co.uk/en/resources/resource/240/Add\\_Fractions\\_Same\\_Denominator](http://mathsframe.co.uk/en/resources/resource/240/Add_Fractions_Same_Denominator)

Add pairs of proper fractions with the same denominator and then convert the answer from an improper fraction to a mixed number. Fractions are represented on a bar to help children to visualise their value.

There are many more games that help develop an understanding of fractions, decimals and percentages 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)  $1 \frac{2}{3}$  2)  $1 \frac{3}{5}$  3)  $1 \frac{3}{10}$  4)  $2 \frac{3}{4}$  5)  $1 \frac{17}{100}$  6)  $3 \frac{3}{10}$  7)  $4 \frac{2}{5}$  8)  $9 \frac{7}{10}$   
 9)  $\frac{4}{3}$  10)  $\frac{7}{4}$  11)  $\frac{11}{5}$  12)  $\frac{47}{10}$  13)  $\frac{21}{5}$  14)  $\frac{13}{7}$  15)  $\frac{57}{8}$  16)  $\frac{71}{12}$   
 17)  $1 \frac{1}{3}$  18)  $1 \frac{2}{5}$  19)  $1 \frac{3}{10}$  20)  $1 \frac{3}{4}$  21)  $2 \frac{7}{10}$  22)  $3 \frac{7}{10}$

