



Fractions and decimal fractions

Most calculators do not display fractions as you usually write them.

But it is easy to change fractions into decimal fractions using a calculator.

$\frac{1}{2}$ means 1 divided by 2 or $1 \div 2$.

Do this on a calculator: enter $1 \div 2 =$

The answer 0.5 will come up.

This means that $\frac{1}{2}$ is the same as 0.5

Also remember
We can use 100 square
eg.
 $\frac{50}{100} = \frac{5}{10} = \frac{1}{2}$

In the same way, using a calculator, find the decimal fraction for these fractions. Complete all parts of the table below.

$\frac{3}{4}$	Means 3 divided by 4	$3 \div 4 =$	0.75
$\frac{3}{10}$	Means 3 divided by 10	$3 \div 10 =$	
$\frac{5}{10}$	Means 5 divided by 10		
$\frac{9}{10}$	Means		
$\frac{1}{4}$	Means		
$\frac{4}{10}$	Means		



Fractions and decimal fractions

Most calculators do not display fractions as you usually see them, but they can display them as decimal fractions.

$\frac{12}{100}$ can be thought of as twelve divided by one hundred
or $12 \div 100$ which equals 0.12

Do this on a calculator: enter $12 \div 100 =$

The answer 0.12 will come up.

This means that $\frac{12}{100}$ is the same as 0.12

In the same way, using a calculator, find the decimal fraction for these fractions. Complete all parts of the table below.

$\frac{13}{100}$	Means 13 divided by 100	$13 \div 100 =$	0.13
$\frac{1}{10}$	Means divided by	$1 \div 10 =$	
$\frac{52}{100}$	Means 52 divided by 100		
$\frac{26}{100}$	Means		
$\frac{11}{100}$	Means		
$\frac{2}{10}$	Means		

Mixed numbers as decimal fractions

$4\frac{2}{10}$ can be written as 4.2 when using a calculator.

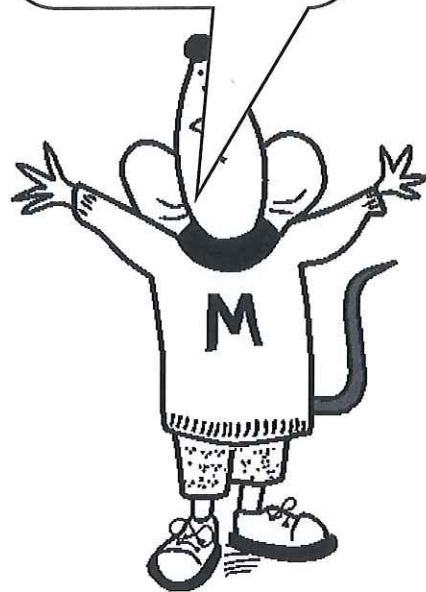
This is because $\frac{2}{10}$ means $2 \div 10$ which is 0.2

Write these mixed numbers as decimal fractions:

1.	$7\frac{34}{100}$	
2.	$3\frac{14}{100}$	
3.	$1\frac{3}{4}$	
4.	$6\frac{1}{10}$	
5.	$3\frac{1}{2}$	
6.	$4\frac{99}{100}$	
7.	$2\frac{7}{100}$	
8.	$5\frac{61}{100}$	

Just think of a fraction as a division calculation - it's easy then!

Three quarters means 3 divided by 4.....



Mixed numbers as decimal fractions

$5\frac{3}{10}$ can be written as 5.3 when using a calculator.

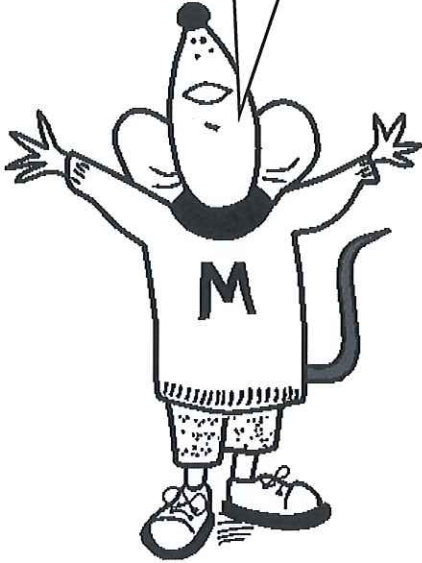
This is because $\frac{3}{10}$ means $3 \div 10$ which is 0.3

Write these mixed numbers as decimal fractions:

1.	$6\frac{45}{100}$	
2.	$4\frac{25}{100}$	
3.	$2\frac{9}{10}$	
4.	$7\frac{1}{10}$	
5.	$4\frac{33}{100}$	
6.	$5\frac{9}{100}$	
7.	$3\frac{17}{100}$	
8.	$5\frac{63}{100}$	

99 hundredths
is 0.99

Now that is very
nearly one
whole one!



A cartoon character named 'M' is standing with arms raised. He has a long, pointed nose, a small tuft of hair, and is wearing a white t-shirt with a large black letter 'M' on it, patterned shorts, and sneakers. A speech bubble points to him from the text above.



Answers

Page 1

3/10 means three divided by ten $3 \div 10 = 0.3$

5/10 means five divided by ten $5 \div 10 = 0.5$

9/10 means nine divided by ten $9 \div 10 = 0.9$

1/4 means one divided by four $1 \div 4 = 0.25$

4/10 means four divided by ten $4 \div 10 = 0.4$

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13/100 means thirteen divided by a hundred $13 \div 100 = 0.13$

1/10 means one divided by ten $1 \div 10 = 0.1$

52/100 means fifty two divided by a hundred $52 \div 100 = 0.52$

26/100 means twenty six divided by a hundred $26 \div 100 = 0.26$

11/100 means eleven divided by a hundred $11 \div 100 = 0.11$

2/10 means two divided by ten $2 \div 10 = 0.2$

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1. 7.34 2. 3.14 3. 1.75 4. 6.1 5. 3.5 6. 4.99 7. 2.07 8. 5.61

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1. 6.45 2. 4.25 3. 2.9 4. 7.1 5. 4.33 6. 5.09 7. 3.17 8. 5.63