

Decimal fractions to fractions

The first number after the decimal point is in the tenths column.

So, 0.3 means 3 tenths. It can also be written as $\frac{3}{10}$

0.03 means 3 hundredths. It can be written as $\frac{3}{100}$

0.33 means 3 tenths and 3 hundredths or 33 hundredths.

It can be written as $\frac{33}{100}$

Write down the fractions which equal these decimals:

1. 0.3 2. 0.7 3. 0.17 4. 0.37 5. 0.53

6. Which of these decimals is equal to $\frac{9}{10}$?

9.9 0.19 0.99 0.9 0.910

7. Which of these decimals is equal to $\frac{27}{100}$?

0.2710 0.127 2.7 2.700 0.27

Remember: 0.2 and 0.20 are the same - each equals two tenths.

The calculator will not display any unnecessary 0s at the end of a decimal number. It will show £3.60 as 3.6

Write down how a calculator displays these numbers if they were to come up as the answer to a sum:

8. 1.200 9. 3.00 10. 4.100 11. 5.20 12. 6.10000