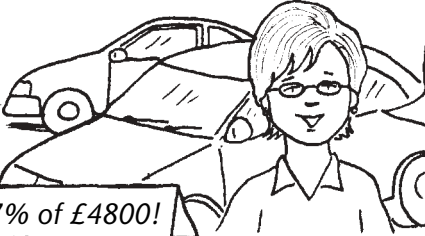


Calculate percentages using a calculator

Calculator calculations

A

Sally is explaining how she used a calculator to work out this percentage.



Only 37% of £4800!

£1776

Sally's Silly Sale!

I changed 37% to a fraction by writing it as an amount 'out of 100': $\frac{37}{100} = 37 \div 100$.

To find 37% of 4800 I keyed in '37 ÷ 100 x 4800 =' and got the answer 1776. So, 37% of £4800 is £1776.

Use Sally's method to find these sale prices with a calculator.

(a) Only 37% of £3500!

(b) Only 29% of £1200!

(c) Only 41% of £4200!

(d) Only 73% of £5300!

(e) Only 67% of £6900!

(f) Only 83% of £4800!

(g) Only 39% of £20!

(h) Only 23% of £60!

(i) Only 91% of £280!

B

Rick is explaining how he used a calculator to find this percentage.



Only 45% of £42!

£18.90

Rick's Ridiculous Reductions!

I changed 45% to the decimal 0.45 in my head.

To find 45% of 42 I keyed in '0.45 x 42 =' and got the answer 18.9. So, 45% of £42 is £18.90.

Use Rick's method to find these sale prices with a calculator.

(a) Only 45% of £47!

(b) Only 29% of £73!

(c) Only 41% of £28!

(d) Only 32% of £35!

(e) Only 84% of £80!

(f) Only 57% of £69!

Did you find Sally's or Rick's method quicker? _____

Why? _____



Try to get into the habit of placing the calculator on the table and using your non-writing hand to key in the numbers. This allows you to write things down as you use the calculator and will save you time in the future. With money questions, remember to write your answers in pounds and pence instead of ordinary decimals, for example £23.40 not 23.4.

Developing Numeracy
 Numbers and the Number System
 Year 7

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