Calculator Percentages

ANSWERS

cazoom!

Section A: *Change the following percentages to decimals.*

1) 12% 0.12
2) 26% 0.26
3) 71% 0.71

4) 45% 0.45
5) 3% 0.03
6) 6% 0.06

7) 60% 0.60
8) 90% 0.90
9) 9% 0.09

Section B: *Find the percentages of amounts (hint: Round to 2 decimal places where necessary).*

Find	11%	28%	3%
£20	£2.20	£5.60	£0.60
£16	£1.76	£4.48	£0.48
£4	£0.44	£1.12	£0.12
£6.50	£0.72	£1.82	£0.20

Find	57%	8%	2.5%
£80	£45.60	£6.40	£2
£15	£8.55	£1.20	£0.38
£2.12	£1.21	£0.17	£0.05
£0.45	£0.26	£0.04	£0.01

Section C
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1) Jerome scored 70% in a Maths test. The test was out of 60. How many marks did Jerome get?

2) A city has a population of 2.8 million people. 45% of the population are **male**. How many **females** live in the city? *1.54 million people*

3) Mrs. Baker is preparing her students for their exams. The exams are two weeks away. Mrs. Baker advises her students to spend 25% of each day revising.

   a. How many hours does Mrs. Baker expect her students to revise each day? *6 hours*

   b. How many hours in total will the students have revised if they follow Mrs. Bakers' advice for the next two weeks? *84 hours*

4) It is said that about 60% of the human body is made up of water. Adam weighs 78 kg, how much of his body weight is actually water? *46.8kg*

5) A mobile phone shop has a promotional offer. Tara wants to buy a phone today so that she receives the deal.

   a. How many **extra** texts each month will Tara get if she buys the phone today? *100 texts*

   b. How many minutes will Tara get each month in total if she buys the phone today? *700 minutes*

   c. The mobile phone shop tell Tara that if she takes out a 2 year contract they will reduce the last monthly cost by 15%. How much will Tara spend on the mobile phone in total after two years if she buys the phone today? *£596.01 + £100 = £696.01*

MOBILE PHONE DEAL - TODAY ONLY!

300 TEXTS each MONTH
500 MINUTES each MONTH
FREE VOICEMAIL
FREE CALLS TO 08 NUMBERS

Phone price: £100
Monthly cost: £24.99

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