

Percentages of an Amount (Calculator)

Video 235 on www.corbettmaths.com

Examples



Workout

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Question 1: Calculate the following

- (a) 15% of 80ml (b) 9% of 205kg (c) 45% of £135 (d) 17% of 540km
(e) 53% of 700g (f) 14% of 12 hours (g) 31% of 280kg (h) 6% of 4GB
(i) 85% of 1250ml (j) 66% of 9.4 miles (k) 97% of \$54 (l) 13% of 0.5 tonnes

Question 2: Calculate the following

- (a) 2.5% of 60cm (b) 7.2% of 104ml (c) 24.5% of 30m (d) 47.9% of £3200
(e) 0.3% of 44km (f) 85.2% of 6000 marks (g) 0.25% of \$840 (h) 3.175% of 52g

Question 3: Calculate the following

- (a) 109% of 30m (b) 124% of 38 seconds (c) 186% of £40 (d) 196% of 20 miles
(e) 220% of 15g (f) 140.5% of 180kg (g) 371% of £60 (h) 1054% of 70 hours

Apply

Question 1: In year 9, there are 150 students
16% of the students are left handed.



- (a) Work out how many students are left handed.
(b) What percentage of the students are right handed?

Question 2: At a football match, 37% of the fans are children.
There are 12600 fans at the match.

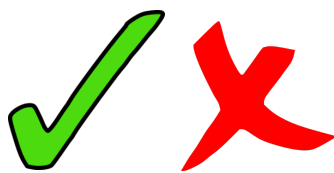
Work out how many children went to the match?

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- Question 3: During the last ten years, Donald has played 1200 games of chess.
Donald has drawn 6% of the games.
He has lost 33% of the games.
How many games of chess has Donald won?
- Question 4: Richard owns a coffee shop.
In one week, 68000 drinks are sold.
9% of the drinks sold are hot chocolates.
How many hot chocolates are sold?
- 
- Question 5: Which is larger 20% of 7 or 7% of 20?
- Question 6: Maxwell is paid £460.
He spends 38% on his rent, 13% on his food and 20% on bills.
He saves the rest of the money.
How much money does Maxwell save?
- Question 7: Hannah and Kate each have a salary of £36400.
Hannah is given a pay rise of 4%.
Kate is given £125 extra each month.
Who is given the best pay rise?
- Question 8: There are 80 teachers in a school.
The headteacher says that exactly 89% of the teachers drive to work.
Explain why the headteacher is wrong.
- Question 9: Dorothy organises a charity raffle.
She sells 800 tickets for £2 each.
4% of the tickets win a prize that costs £20.
65% of the profit goes to Charity A and the rest goes to Charity B.
How much money does Dorothy raise for Charity B?
- Question 10: An adult ticket for the cinema costs £12.80
A child ticket is half the price of an adult ticket.
Mr and Mrs Henderson and their six children go to see a movie.
Mrs Henderson has a voucher for 22% off.
How much money does she save?
- 

Answers



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