

Level 2: Calculate percentages of amounts and express one amount as a percentage of another

1. Calculate:

Calculation	Estimation
17% of £70	
32% of 80cm	
4% of 90km	
29% of 65ml	
73% of 45g	

2. Which of the methods below can be used to work out 95% of an amount?

- a) Dividing the amount 100 and multiply by 95
- b) Working out 5% of the amount and taking it away from the full amount
- c) Dividing 95 by 100 and multiplying the answer by the amount
- d) Dividing the amount by 95 and then multiply by 100

3. Joan wants to buy a bag which normally costs £62.
The bag is now on sale, 55% off.

Work out 55% of £62.

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Work out 55% off £62.

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55% off

4. Calculate:

Express as a percentage	Check
£59.50 as a percentage of £70	
10cm as a percentage of 80cm	
36km as a percentage of 90km	
27ml as a percentage of 65ml	
81 as a percentage of 45g	

5. Ian is making a purchase online. The total before VAT is £822.95. He needs to pay VAT too, which is 17.5% of the total.

Work out how much VAT he should pay.

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Work out how much Ian will pay after VAT.

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Buy now

Order Summary

Total before VAT:	£822.95
VAT:	£
Order Total:	
	£

6. Ayla says: 'Expressing one amount as a percentage of another is as easy as first number divided by the second number and then writing the decimal as a percentage.' Is Ayla right?

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