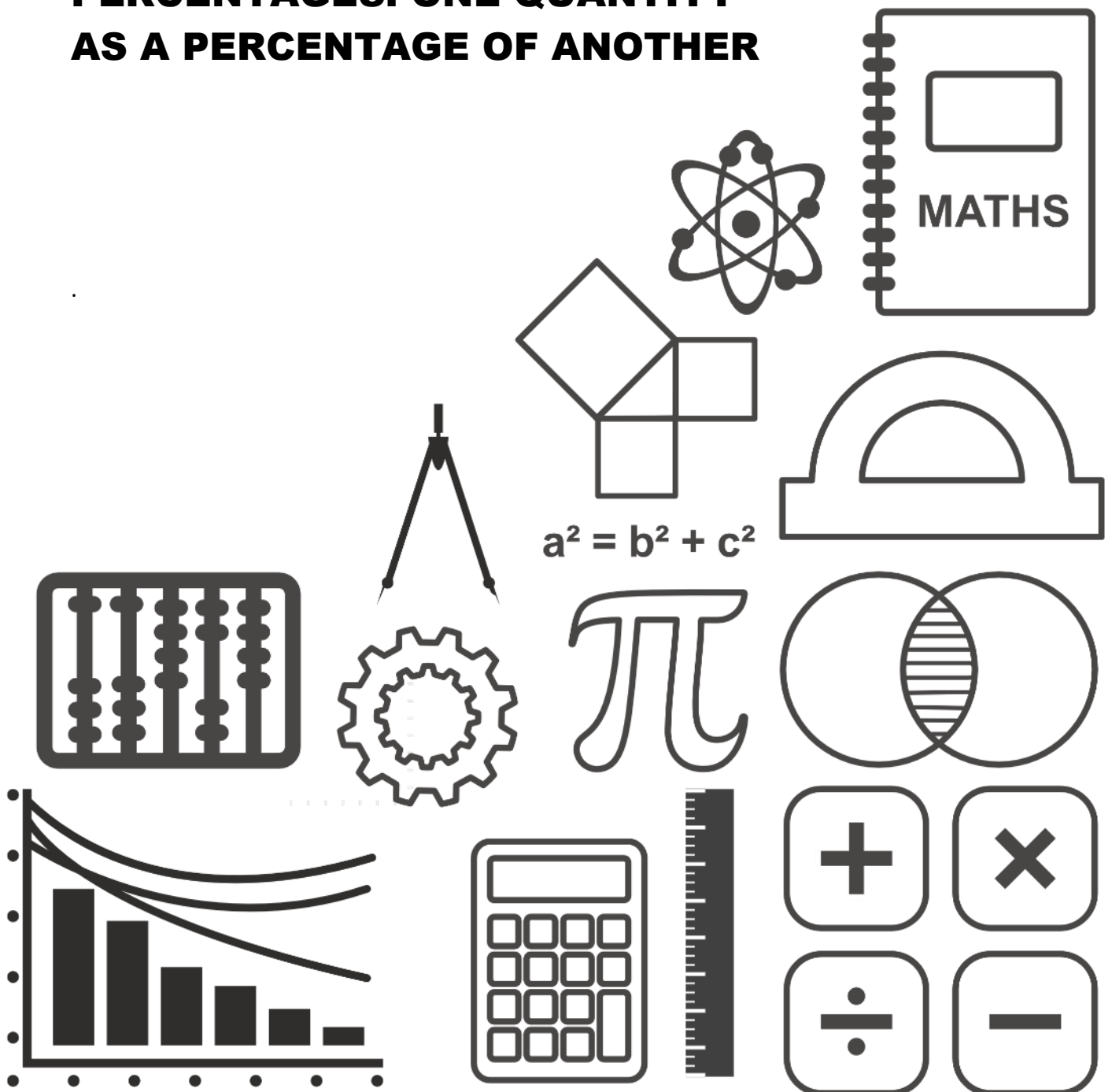


MATHSDIY

GCSE TOPIC BOOKLET PERCENTAGES: ONE QUANTITY AS A PERCENTAGE OF ANOTHER



1. In a recent rugby match 3000 of the 4800 fans were supporting Cardiff. What percentage were supporting Cardiff?

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(2)

2. What percentage of 180 is 35?

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(2)

3. What percentage of £250 is £55?

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(2)

4. In an examination Terry's mark was 140 out of a total of 250. Express Terry's mark as a percentage of the total.

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(2)

5. Find £160 as a percentage of 400.

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(2)

6. A delivery driver has delivered 84 out of 400 parcels. What percentage of the parcels has he delivered?

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(2)

7. A car showroom has 220 cars for sale. In a recent promotion, they manage to sell 36 cars over a weekend. What percentage of the cars is this?

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(2)

8. In a primary school 96 of the 150 pupils has a school lunch. What percentage is this?

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(2)

9. Nick inherits £80 000 and decides to invest £15 000. What percentage does Nick invest?

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(2)

10. In a packet of sweets there are 5 yellow, 6 green, 4 purple, 3 orange and 2 red sweets. What percentage are orange?

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(2)

11. Amy scored 108 out of 120 in a recent physics test. What percentage is this?

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(2)

12. Daniel decides to declutter and donates 27 of his 48 DVDs to a charity shop. What percentage of his DVDs does Daniel donate?

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(2)

13. At a concert 1400 of the 5800 bought a programme. What percentage didn't buy a programme? Give your answer to one decimal place.

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(2)

14. A car showroom has capacity for 225 cars. They currently have 185 cars for sale. What percentage of their capacity is this? Give your answer to three significant figures.

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(2)

15. Tom wants to go to Ibiza with his friends after his exams. He has already saved £240 out of the £900 he will need. What percentage has he already saved? Give your answer to two significant figures.

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(2)