FUNCTIONAL SKILLS MATHEMATICS

AQA | Edexcel | City & Guilds | Open Awards | NCFE | Highfield

Level 2

Percentages

Materials

- You **cannot** use a calculator for **questions** with this symbol.

Instructions

- Answer **all** questions.
- Answer questions on separate paper.

Information and Advice

- The marks for each question are shown in brackets – use this as a guide on how long to spend on each question.
- Read each question carefully before you answer it.
- Check you answers.

Q1   Find 11% of 250.

[2 marks]

Q2   Find 94% of 720.

[2 marks]

Q3   Find 29% of 370.

[2 marks]

Q4   Find 42% of 62.

[2 marks]

Q5   What is 30 as a percentage of 200?

[2 marks]

Q6   What is 96 as a percentage of 128?

[2 marks]

Q7   What is 23 as a percentage of 184?

[2 marks]

Q8   What is 310 as a percentage of 217?

[2 marks]

Q9   Find the value of 655 after a 4% increase.

[2 marks]

Q10   Find the value of 450 after a 32.6% increase.

[2 marks]

Q11   Find the value of 371 after a 13% decrease.

[2 marks]

Q12   Find the value of 854 after a 64.5% decrease.

[2 marks]

Q13   Find the original value of a shirt bought for £27, given that it was discounted by 25% when it was bought.

[2 marks]

Q14   A gym's price structure increases by 15% in the new year. David sets up a yearly membership, costing £402.50. How much did a yearly membership cost last year?

[2 marks]

Q15

a)   In 2020, the UK's CO_2 emissions decreased to 326.1 million tonnes, from 365.2 million tonnes in 2019. What is this percentage change?

[3 marks]

b)   In 2010, the same statistic was 495.8 million tonnes. What is the percentage change between 2010 and 2020?

[3 marks]

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