

GCSE Mathematics

F

Percentage Increase & Decrease Practice

Foundation, Grade 4-5

Total Marks	Time	Questions
40	40 min	20

Instructions:

- Do not use a calculator when you see: 
- Answer all questions in the spaces provided.
- Show all your working - marks are awarded for method as well as final answers.
- Cross through any work you do not want to be marked.
- Check your answers if you have time at the end.

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Edexcel-style questions**Q1** 

Grade 4

Edexcel style

Increase £80 by 15%.

Answer

teachably

[2 marks]**Q2** 

Grade 4

Edexcel style

Decrease £90 by 20%.

Answer

teachably

[2 marks]**Q3**

Grade 4

Edexcel style

Use a calculator to increase £350 by 8%.

Answer

teachably

[2 marks]

Q4

Grade 4

Edexcel style

Use a calculator to decrease £420 by 15%.

Answer

teachably

[2 marks]**Q5**

Grade 5

Edexcel style

A jacket normally costs £64. In a sale, the price is reduced by 25%. What is the sale price?

Answer

teachably

[2 marks]

AQA-style questions**Q6** 

Grade 4

AQA style

Increase 120 kg by 25%.

Answer

teachably

[2 marks]**Q7** 

Grade 4

AQA style

Decrease 150 kg by 10%.

Answer

teachably

[2 marks]**Q8**

Grade 4

AQA style

Use a calculator to increase 240 kg by 35%.

Answer

teachably

[2 marks]

Q9

Grade 4

AQA style

Use a calculator to decrease 180 kg by 45%.

Answer

teachably

[2 marks]**Q10**

Grade 5

AQA style

Sarah earns £1800 per month. She receives a 4% pay rise. What is her new monthly pay?

Answer

teachably

[2 marks]

OCR-style questions**Q11** 

Grade 4

OCR style

Increase £60 by 30%.

Answer

teachably

[2 marks]**Q12** 

Grade 4

OCR style

Decrease £70 by 40%.

Answer

teachably

[2 marks]**Q13**

Grade 4

OCR style

Use a calculator to increase £64 by 17%.

Answer

teachably

[2 marks]

Q14

Grade 4

OCR style

Use a calculator to decrease £96 by 25%.

Answer

teachably

[2 marks]**Q15**

Grade 5

OCR style

A car is bought for £12000. After one year, its value has decreased by 18%. What is the car's value after one year?

Answer

teachably

[2 marks]

Teachably-style questions**Q16** 

Grade 4

Teachably style

Increase 200 m by 12%.

Answer

teachably

[2 marks]**Q17** 

Grade 4

Teachably style

Decrease 250 m by 16%.

Answer

teachably

[2 marks]**Q18**

Grade 4

Teachably style

Use a calculator to increase 150 m by 42%.

Answer

teachably

[2 marks]

Q19

Grade 4

Teachably style

Use a calculator to decrease 260 m by 30%.

Answer _____

teachably

[2 marks]

Q20

Grade 5

Teachably style

A phone costs £280. A shop increases the price by 12% due to high demand. What is the new price?

Answer _____

teachably

[2 marks]

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