ENGLAND GCSE MATHS EDEXCEL FOUNDATION · UNIT 2 · 25 QUESTIONS

Fractions, Decimals, Percentages, Measures and Accuracy — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **A bag holds 20 lemons. 4 lemons are used to make lemonade. What fraction of the lemons is left?**

- **A** $\frac{2}{3}$
- **B** $\frac{17}{20}$
- **C** $\frac{4}{5}$
- **D** $\frac{1}{5}$

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2 **A sandwich is cut into 4 equal triangles. 1 triangles are eaten. What fraction of the sandwich is left?**

- **A** $\frac{3}{4}$
- **B** $\frac{1}{4}$
- **C** $\frac{1}{2}$
- **D** 1

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3 **An ice cream cone costs £2.40. The price increases by 25%. What is the new price?**

- **A** £3
- **B** £1.80
- **C** £3.50
- **D** £2.90

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4 **There are 400 silver coins. 10% of them are old. How many old silver coins are there?**

- A 80
- B 20
- C 365
- D 40

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5 **A box holds 18 eggs. $\frac{1}{4}$ of the eggs are cracked. How many eggs are not cracked?**

- A 16
- B 12
- C 14
- D 4

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6 **A cheese pizza is cut into 12 equal slices. 10 slices are eaten. What fraction of the cheese pizza is left?**

A $\frac{1}{6}$

B $\frac{1}{12}$

C $\frac{5}{6}$

D $\frac{1}{4}$

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7 **In a sale a jacket is reduced by 25% to £90. What was the price before the sale?**

A £120

B £112

C £110

D £130

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8 **1/5 + 1 is equal to**

- A $\frac{12}{35}$
- B $\frac{6}{5}$
- C $\frac{41}{30}$
- D $\frac{1}{3}$

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9 **A price of £40 decreases by 10%. The new price is**

- A £41
- B £31
- C £44
- D £36

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10 **7.2 ÷ 1.2 is equal to**

- A 6
- B 0.6
- C 60
- D 7

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11 **Calculate $\frac{5}{4}$ of 120**

- A -30
- B 30
- C 150
- D 180

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12 **250 cm is m**

- A 25
- B 0.25
- C 250
- D 2.5

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13 $\frac{3}{4} \div \frac{1}{3}$ **is equal to**

- A $\frac{9}{4}$
- B $\frac{5}{2}$
- C 2
- D $\frac{31}{12}$

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14 **A chocolate cake is cut into 8 equal slices. 2 slices are eaten. What fraction of the cake has been eaten?**

- A $\frac{1}{5}$
- B $\frac{1}{4}$
- C $\frac{3}{8}$
- D $\frac{3}{4}$

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15 **Calculate 15% of 420**

- A 64
- B 63
- C 68
- D 357

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16 **Simple interest on £500 at 5% per year for 3 years is**

A £75

B £150

C £100

D £25

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17 **In a sale a jacket is reduced by 10% to £36. What was the price before the sale?**

A £50

B £40

C £39

D £30

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18 **1 + 3/4 is equal to**

- **A** $\frac{8}{7}$
- **B** $\frac{23}{12}$
- **C** $\frac{4}{5}$
- **D** $\frac{7}{4}$

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19 **A price of £200 decreases by 20%. The new price is**

- **A** £155
- **B** £240
- **C** £165
- **D** £160

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20 **Write 0.35 as a fraction in its simplest form**

- **A** $\frac{3}{5}$
- **B** $\frac{2}{5}$
- **C** $\frac{7}{20}$
- **D** $\frac{3}{10}$

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21 **3.6 ÷ 0.8 is equal to**

- **A** 45
- **B** 5.5
- **C** 4.5
- **D** 0.45

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22 **460 cm is m**

- A 46
- B 4.6
- C 460
- D 0.46

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23 $\frac{1}{4} \times \frac{1}{2}$ **is equal to**

- A -1/8
- B $\frac{1}{8}$
- C $\frac{1}{4}$
- D $\frac{3}{8}$

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24 **Calculate 15% of 80**

A 6

B 68

C 17

D 12

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25 **Simple interest on £1000 at 5% per year for 4 years is**

A £250

B £200

C £50

D £400

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ANSWER KEY

1.	C	**10.**	A	**19.**	D
2.	A	**11.**	C	**20.**	C
3.	A	**12.**	D	**21.**	C
4.	D	**13.**	A	**22.**	B
5.	C	**14.**	B	**23.**	B
6.	A	**15.**	B	**24.**	D
7.	A	**16.**	A	**25.**	B
8.	B	**17.**	B		
9.	D	**18.**	D		

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