ENGLAND GCSE MATHS OCR 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 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** 1
- **D** $\frac{1}{2}$

Understand It with Pulse | Flag a mistake

2 A box contains 24 eggs. $\frac{1}{6}$ of the eggs are cracked. How many eggs are not cracked?

- **A** 20
- **B** 4
- **C** 18
- **D** 22

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3 A cheese pizza is cut into 12 equal slices. 7 slices are eaten. What fraction of the cheese pizza is left?

- **A** $\frac{5}{12}$
- **B** $\frac{1}{12}$
- **C** $\frac{1}{2}$
- **D** $\frac{7}{12}$

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4 **A chocolate cake is cut into 10 equal slices. 7 slices are eaten. What fraction of the cake has been eaten?**

- **A** $\frac{3}{10}$
- **B** $\frac{7}{12}$
- **C** $\frac{7}{10}$
- **D** $\frac{4}{5}$

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

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

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6 **An ice cream cone costs £1.60. The price increases by 50%. What is the new price?**

- **A** £2.10
- **B** £2.90
- **C** £0.80
- **D** £2.40

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7 **A bag contains 20 lemons. 5 lemons are used to make lemonade. What fraction of the lemons is left?**

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

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8 $\frac{1}{2} \div 1$ is equal to

A $\frac{1}{4}$

B $\frac{3}{4}$

C $\frac{1}{2}$

D 1

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9 1/5 + 3/4 is equal to

A $\frac{19}{20}$

B $\frac{4}{9}$

C $\frac{12}{35}$

D $\frac{67}{60}$

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10 **Find 25% of 200**

A 55

B 50

C 150

D 25

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11 **A price of £60 increases by 20%. The new price is**

A £77

B £67

C £48

D £72

Understand It with Pulse | Flag a mistake

12 **4.8 ÷ 0.8 is equal to**

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

Understand It with Pulse | Flag a mistake

13 **Simple interest on £2000 at 6% per year for 2 years is**

- A £480
- B £240
- C £120
- D £360

Understand It with Pulse | Flag a mistake

14 **750 ml is litres**

A 7.5

B 1.75

C 75

D 0.75

Understand It with Pulse | Flag a mistake

15 **In a sale a jacket is reduced by 20% to £80. What was the price before the sale?**

A £110

B £100

C £90

D £96

Understand It with Pulse | Flag a mistake

16 **Find $\frac{5}{8}$ of 64**

A 24

B 48

C 8

D 40

Understand It with Pulse | Flag a mistake

17 **$1 \div \frac{3}{2}$ is equal to**

A $\frac{5}{12}$

B $\frac{2}{3}$

C 1

D $\frac{11}{12}$

Understand It with Pulse | Flag a mistake

18 **1 + 2/5 is equal to**

- A $\frac{7}{5}$
- B $\frac{1}{2}$
- C $\frac{47}{30}$
- D $\frac{8}{7}$

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19 **Find 10% of 240**

- A 29
- B 12
- C 216
- D 24

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20 **A price of £40 decreases by 15%. The new price is**

- **A** £34
- **B** £39
- **C** £29
- **D** £46

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21 **Write 0.75 as a fraction in its simplest form**

- **A** $\frac{4}{5}$
- **B** 1
- **C** $\frac{7}{10}$
- **D** $\frac{3}{4}$

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22 **7.2 ÷ 0.4 is equal to**

A 1.8

B 180

C 19

D 18

Understand It with Pulse | Flag a mistake

23 **Simple interest on £1200 at 3% per year for 3 years is**

A £216

B £108

C £36

D £144

Understand It with Pulse | Flag a mistake

24 **1250 g is kg**

A 1250

B 12.5

C 1.25

D 2.25

Understand It with Pulse | Flag a mistake

25 **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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ANSWER KEY

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

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