

Grammar School Entrance Practice

Paper 16

About this test

This is a practice paper designed to familiarise your child with the types of questions they will see in a Grammar School entrance examination.

Paper ID: GP-016 | 50 Questions | 60 Minutes

What you'll need

- Printed practice paper and answer sheet
- Pencil
- Rubber
- Timer

Taking the test

Your child should mark their answers on the answer sheet, not in the question paper.

On the answer sheet, record answers by drawing a clear line through the answer box with a pencil. Mistakes should be rubbed out and not crossed out.

Read the following carefully:

1. This test has been designed to help you practise the types of questions you will see in a Grammar School entrance exam.
2. You have **60 minutes** to complete this paper.
3. Read each question carefully before moving onto the next one.
4. Answers should be marked on the **answer sheets** provided. If you make a mistake, rub it out as completely as you can and mark your new answer.
5. You may find some of the questions difficult. If you cannot do a question, **do not waste time on it but go on to the next**. If you are not sure of an answer, choose the one you think is best.
6. Work as quickly and as carefully as you can.

Name	Date	Paper ID
Jo	18/02/2026	GP-016

1 Calculate: $15 + 31 = ?$

- A 23 B 69 C 46 D 34
-

2 Calculate: $20 - 16 = ?$

- A 6 B 2 C 3 D 4
-

3 Find the missing number: $10 \times \underline{\quad} = 90$

- A 13 B 6 C 9 D 4
-

4 Simplify the ratio $28 : 16$.

- A $7 : 5$ B $7 : 4$ C $4 : 7$ D $8 : 4$
-

5 Simplify the ratio $16 : 16$.

- A $1 : 1$ B $2 : 1$ C $1 : 2$ D $2 : 2$
-

6 Write an equivalent fraction to $\frac{3}{10}$ by multiplying numerator and denominator by 5.

- A $\frac{14}{50}$ B $\frac{15}{50}$ C $\frac{16}{50}$ D $\frac{15}{51}$
-

7 Find the next term in the sequence: 11, 4, -3, -10, -17, ____

- A** 2 **B** -24 **C** 3 **D** 1
-

8 Calculate: $12 - 6 = ?$

- A** 9 **B** 3 **C** 4 **D** 6
-

9 Quick! $81 - 15 = ?$

- A** 49 **B** 99 **C** 33 **D** 66
-

10 Quick! $84 - 60 = ?$

- A** 24 **B** 36 **C** 18 **D** 12
-

11 Estimate $11 + 31$ by rounding to the nearest 10.

- A** Estimate: 40 (exact: 42) **B** 30 **C** 20 **D** 60
-

12 Decrease £80 by 30%.

- A** £28 **B** £56 **C** £42 **D** £84
-

13 Simplify the ratio 24 : 32.

- A** 4 : 4 **B** 3 : 5 **C** 4 : 3 **D** 3 : 4
-

14 Noah and Liam share £85 in the ratio 4 : 1. How much does each person get?

- A** £51 **B** Noah gets £68, Liam gets £17 **C** £102 **D** £34
-

15 Which is larger: $\frac{1}{3}$ or $\frac{5}{7}$?

- A** $\frac{3}{3}$ **B** $\frac{1}{4}$ **C** $\frac{2}{3}$ **D** $\frac{1}{3} < \frac{5}{7}$
-

16 Calculate: $11 + 6 = ?$

- A** 25 **B** 17 **C** 8 **D** 12
-

17 Find the missing number: $3 \times \underline{\hspace{1cm}} = 24$

- A** 12 **B** 8 **C** 4 **D** 6
-

18 Use a mental strategy to calculate: $156 + 9$

- A** 123 **B** 247 **C** 165 **D** 82
-

19 Use a mental strategy to calculate: $32 + 19$

- A** 51 **B** 38 **C** 76 **D** 25
-

20 Convert $\frac{4}{20}$ to a decimal.

- A** 2 **B** 1.2 **C** 0.2 **D** 1
-

21 Find the missing number: $10 \times \underline{\hspace{1cm}} = 70$

- A** 10 **B** 7 **C** 3 **D** 5
-

22

Quick! $16 + 6 = ?$

- A 11 B 33 C 22 D 16
-

23

Quick! $71 + 76 = ?$

- A 147 B 220 C 110 D 73
-

24

Noah buys 6 stickers at £15 each. Later, Noah gives away 4 of them. How much are the remaining stickers worth in total?

- A £15 B £45 C £30 D £22
-

25

Noah and Emma share £64 in the ratio 4 : 4. How much does each person get?

- A £48 B Noah gets £32, Emma gets £32 C £24 D £16
-

26

Simplify the ratio 5 : 30.

- A 6 : 1 B 2 : 6 C 1 : 7 D 1 : 6
-

27

Calculate: $496 + 242 = ?$

- A 553 B 738 C 1107 D 369
-

28

Write an equivalent fraction to $\frac{5}{9}$ by multiplying numerator and denominator by 3.

- A $\frac{15}{27}$ B $\frac{14}{27}$ C $\frac{16}{27}$ D $\frac{15}{28}$
-

29 Noah buys 9 cards at £2 each. Later, Noah gives away 3 of them. How much are the remaining cards worth in total?

- A £12 B £6 C £9 D £18
-

30 Use a mental strategy to calculate: $16 + 49$

- A 48 B 32 C 97 D 65
-

31 Which is larger: $\frac{2}{3}$ or $\frac{2}{7}$?

- A $\frac{2}{3} > \frac{2}{7}$ B $\frac{3}{3}$ C $\frac{2}{4}$ D $\frac{1}{3}$
-

32 Mia buys 9 biscuits at £11 each. Later, Mia gives away 4 of them. How much are the remaining biscuits worth in total?

- A £55 B £41 C £27 D £82
-

33 Calculate: $60 / 5 = ?$

- A 12 B 18 C 6 D 9
-

34 Find the next term in the sequence: 15, 17, 19, 21, 23, ____

- A 18 B 25 C 37 D 12
-

35 Calculate: $7 * 14 = ?$

- A 73 B 49 C 147 D 98
-

36 Which is larger: $\frac{3}{4}$ or $\frac{4}{5}$?

- A** $\frac{3}{5}$ **B** $\frac{4}{4}$ **C** $\frac{2}{4}$ **D** $\frac{3}{4} < \frac{4}{5}$
-

37 Quick! $2 + 10 = ?$

- A** 6 **B** 12 **C** 9 **D** 18
-

38 Increase £70 by 30%.

- A** £68 **B** £91 **C** £136 **D** £45
-

39 Ethan buys 12 sweets at £7 each. Later, Ethan gives away 12 of them. How much are the remaining sweets worth in total?

- A** £3 **B** £0 **C** £1 **D** £2
-

40 Quick! $74 * 93 = ?$

- A** 5161 **B** 6882 **C** 3441 **D** 10323
-

41 Estimate $651 + 53$ by rounding to the nearest 10.

- A** 525 **B** Estimate: 700 (exact: 704) **C** 350 **D** 1050
-

42 Noah buys 12 stamps at £5 each. Later, Noah gives away 3 of them. How much are the remaining stamps worth in total?

- A** £33 **B** £22 **C** £45 **D** £67
-

43 Increase £90 by 5%.

- A** £70 **B** £141 **C** £47 **D** £94
-

44 Decrease £120 by 25%.

- A** £135 **B** £45 **C** £67 **D** £90
-

45 Increase £360 by 30%.

- A** £234 **B** £351 **C** £468 **D** £702
-

46 Find the next term in the sequence: 1, 10, 19, 28, 37, ____

- A** 23 **B** 69 **C** 34 **D** 46
-

47 Which is larger: $\frac{3}{7}$ or $\frac{5}{8}$?

- A** $\frac{3}{8}$ **B** $\frac{4}{7}$ **C** $\frac{2}{7}$ **D** $\frac{3}{7} < \frac{5}{8}$
-

48 Use a mental strategy to calculate: $21 + 29$

- A** 37 **B** 75 **C** 25 **D** 50
-

49 Find 15% of 34000.

- A** 3825 **B** 7650 **C** 5100 **D** 2550
-

50 Amelia buys 10 marbles at £5 each. Later, Amelia gives away 5 of them. How much are the remaining marbles worth in total?

- A £37 B £25 C £12 D £18
-
-

END OF TEST

Answer Sheet - Grammar School Entrance Practice Paper

16

autodidact.uk

Name Jo

Date 18/02/2026

Test name Grammar School Entrance Practice Paper 16



Scan this QR code to submit your answers and get your results

Draw a line clearly through the rectangle next to your answer, like — .

1

A 23

B 69

C 46

D 34

2

A 6

B 2

C 3

D 4

3

A 13

B 6

C 9

D 4

4

A 7 : 5

B 7 : 4

C 4 : 7

D 8 : 4

5

A 1 : 1

B 2 : 1

C 1 : 2

D 2 : 2

6

- A 14/50
- B 15/50
- C 16/50
- D 15/51

7

- A 2
- B -24
- C 3
- D 1

8

- A 9
- B 3
- C 4
- D 6

9

- A 49
- B 99
- C 33
- D 66

10

- A 24
- B 36
- C 18
- D 12

11

- A
- B 30
- C 20
- D 60

12

- A £28
- B £56
- C £42
- D £84

13

- A 4 : 4
- B 3 : 5
- C 4 : 3
- D 3 : 4

14

- A £51
- B
- C £102
- D £34

15

- A 3/3
- B 1/4
- C 2/3
- D $1/3 < 5/7$

16

- A 25
- B 17
- C 8
- D 12

17

- A 12
- B 8
- C 4
- D 6

18

- A 123
- B 247
- C 165
- D 82

19

- A 51
- B 38
- C 76
- D 25

20

- A 2
- B 1.2
- C 0.2
- D 1

-
-
-
-

21

- A 10
- B 7
- C 3
- D 5

-
-
-
-

22

- A 11
- B 33
- C 22
- D 16

-
-
-
-

23

- A 147
- B 220
- C 110
- D 73

-
-
-
-

24

- A £15
- B £45
- C £30
- D £22

-
-
-
-

25

- A £48
- B
- C £24
- D £16

-
-
-
-

26

- A 6 : 1
- B 2 : 6
- C 1 : 7
- D 1 : 6

-
-
-
-

27

- A 553
- B 738
- C 1107
- D 369

-
-
-
-

28

- A 15/27
- B 14/27
- C 16/27
- D 15/28

-
-
-
-

29

- A £12
- B £6
- C £9
- D £18

-
-
-
-

30

- A 48
- B 32
- C 97
- D 65

-
-
-
-

31

- A $2/3 > 2/7$
- B $3/3$
- C $2/4$
- D $1/3$

-
-
-
-

32

- A £55
- B £41
- C £27
- D £82

-
-
-
-

33

- A 12
- B 18
- C 6
- D 9

-
-
-
-

34

- A 18
- B 25
- C 37
- D 12

-
-
-
-

35

- A 73
- B 49
- C 147
- D 98

-
-
-
-

36

- A 3/5
- B 4/4
- C 2/4
- D 3/4 < 4/5

-
-
-
-

37

- A 6
- B 12
- C 9
- D 18

-
-
-
-

38

- A £68
- B £91
- C £136
- D £45

-
-
-
-

39

- A £3
- B £0
- C £1
- D £2

-
-
-
-

40

- A 5161
- B 6882
- C 3441
- D 10323

-
-
-
-

41

- A 525
- B
- C 350
- D 1050

-
-
-
-

42

- A £33
- B £22
- C £45
- D £67

-
-
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-

43

- A £70
- B £141
- C £47
- D £94

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-
-

44

- A £135
- B £45
- C £67
- D £90

-
-
-
-

45

- A £234
- B £351
- C £468
- D £702

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46

- A 23
- B 69
- C 34
- D 46

-
-
-
-

47

- A 3/8
- B 4/7
- C 2/7
- D $3/7 < 5/8$

-
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-
-

48

- A 37
- B 75
- C 25
- D 50

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49

- A 3825
- B 7650
- C 5100
- D 2550

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50

- A £37
- B £25
- C £12
- D £18

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END OF TEST