Grammar School Paper 7

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-007 | 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.

1 Use a mental strategy to calculate: 61 + 49

A 110   **B** 165   **C** 82   **D** 55

2 Estimate 62 + 16 by rounding to the nearest 10.

A 60   **B** 120   **C** 40   **D** Estimate: 80 (exact: 78)

3 Calculate: 135 + 245 = ?

A 285   **B** 570   **C** 380   **D** 190

4 Sophia buys 10 sweets at £12 each. Later, Sophia gives away 4 of them. How much are the remaining sweets worth in total?

A £54   **B** £72   **C** £36   **D** £108

5 Mia buys 3 coins at £14 each. Later, Mia gives away 3 of them. How much are the remaining coins worth in total?

A £2   **B** £1   **C** £3   **D** £0

6 Estimate 60 + 202 by rounding to the nearest 10.

A 130   **B** 390   **C** Estimate: 260 (exact: 262)   **D** 195

7 Calculate: 51 + 23 = ?

A 111   **B** 74   **C** 55   **D** 37

8 Increase £280 by 5%.

A £294   **B** £441   **C** £147   **D** £220

9 Calculate: 86 + 77 = ?

A 163   **B** 81   **C** 122   **D** 244

10 Decrease £60 by 5%.

A £57   **B** £85   **C** £28   **D** £42

11 Find 25% of 280.

A 52   **B** 35   **C** 70   **D** 105

12 Oliver and Mason share £18 in the ratio 5 : 1. How much does each person get?

A Oliver gets £15, Mason gets £3   **B** £22   **C** £11   **D** £7

13 Which is larger: 4/7 or 1/3?

A 4/7 > 1/3   **B** 4/8   **C** 3/7   **D** 5/7

14 Isabella and Elijah share £9 in the ratio 2 : 1. How much does each person get?

   A Isabella gets £6, Elijah gets £3   **B** £9   **C** £3   **D** £4

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15 Convert 50/100 to a decimal.

   A 0.5   **B** 2   **C** 2.5   **D** 1

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16 Lucas buys 6 cards at £12 each. Later, Lucas gives away 5 of them. How much are the remaining cards worth in total?

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

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17 Quick! 364 * 329 = ?

   A 119756   **B** 89817   **C** 59878   **D** 179634

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18 Simplify the ratio 8 : 16.

   A 2 : 1   **B** 1 : 2   **C** 2 : 2   **D** 1 : 3

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19 Use a mental strategy to calculate: 105 + 19

   A 186   **B** 93   **C** 62   **D** 124

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20 Oliver and Lucas share £72 in the ratio 5 : 4. How much does each person get?

   A Oliver gets £40, Lucas gets £32   **B** £20   **C** £30   **D** £60

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21 Calculate: 122 - 114 = ?

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

22 Write an equivalent fraction to 1/3 by multiplying numerator and denominator by 4.

A 4/13   **B** 3/12   **C** 4/12   **D** 5/12

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23 Quick! 200 - 179 = ?

A 21   **B** 10   **C** 31   **D** 15

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24 Find the next term in the sequence: 22, 24, 26, 28, 30, ___

A 48   **B** 24   **C** 16   **D** 32

---

25 Find the next term in the sequence: 6, 10, 14, 18, 22, ___

A 13   **B** 26   **C** 19   **D** 39

---

26 Sophia buys 7 cards at £10 each. Later, Sophia gives away 2 of them. How much are the remaining cards worth in total?

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

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27 Find the missing number: 2 × ___ = 16

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

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28 Calculate: 84 * 98 = ?

A 12348   **B** 6174   **C** 8232   **D** 4116

---

29 Quick! 331 + 187 = ?

A 259   **B** 777   **C** 518   **D** 388

30 Find 15% of 21200.

A 2385   **B** 3180   **C** 4770   **D** 1590

31 Use a mental strategy to calculate: 50 + 19

A 34   **B** 51   **C** 69   **D** 103

32 Mason buys 4 stamps at £7 each. Later, Mason gives away 3 of them. How much are the remaining stamps worth in total?

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

33 Sophia buys 11 cards at £8 each. Later, Sophia gives away 6 of them. How much are the remaining cards worth in total?

A £20   **B** £30   **C** £40   **D** £60

34 Quick! 12 + 2 = ?

A 10   **B** 7   **C** 14   **D** 21

35 Simplify the ratio 28 : 16.

A 7 : 5   **B** 8 : 4   **C** 4 : 7   **D** 7 : 4

36 Calculate: 34 + 79 = ?

A 169   **B** 113   **C** 56   **D** 84

37 Convert 1/2 to a decimal.

A 2   **B** 1.5   **C** 0.5   **D** 1

38 Find 25% of 2370.

A 888   **B** 592   **C** 444   **D** 296

39 Find 75% of 90.

A 67   **B** 100   **C** 50   **D** 33

40 Convert 7/20 to a decimal.

A 1   **B** 2.35   **C** 0.35   **D** 2

41 Find the next term in the sequence: 19, 23, 27, 31, 35, ___

A 29   **B** 58   **C** 39   **D** 19

42 Quick! 230 + 129 = ?

A 359   **B** 269   **C** 179   **D** 538

43 Find the missing number: 4 × ___ = 8

A 11   **B** 1   **C** 2   **D** 3

44 Simplify the ratio 30 : 5.

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

45 Write an equivalent fraction to 5/6 by multiplying numerator and denominator by 5.

A 25/31   **B** 26/30   **C** 24/30   **D** 25/30

46 Estimate 485 + 364 by rounding to the nearest 10.

A 1260   **B** Estimate: 840 (exact: 849)   **C** 630   **D** 420

47 Which is larger: 1/4 or 4/5?

A 1/4 < 4/5   **B** 2/4   **C** 3/4   **D** 1/5

48 Quick! 7 + 8 = ?

A 15   **B** 7   **C** 22   **D** 11

49 Find the next term in the sequence: 1, -9, -19, -29, -39, ___

A 3   **B** 2   **C** -49   **D** 1

50 Calculate: 15 + 11 = ?

A 13   **B** 19   **C** 39   **D** 26

END OF TEST

Answer Sheet - Grammar School Paper 7

Name   nihar

Date   18/02/2026

Test name   Grammar School Paper 7

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

1

A 110 ☐
B 165 ☐
C 82 ☐
D 55 ☐

2

A 60 ☐
B 120 ☐
C 40 ☐
D ☐

3

A 285 ☐
B 570 ☐
C 380 ☐
D 190 ☐

4

A £54 ☐
B £72 ☐
C £36 ☐
D £108 ☐

5

A £2 ☐
B £1 ☐
C £3 ☐
D £0 ☐

6

A 130 ☐

B 390 ☐

C ☐

D 195 ☐

7

A 111 ☐

B 74 ☐

C 55 ☐

D 37 ☐

8

A £294 ☐

B £441 ☐

C £147 ☐

D £220 ☐

9

A 163 ☐

B 81 ☐

C 122 ☐

D 244 ☐

10

A £57 ☐

B £85 ☐

C £28 ☐

D £42 ☐

11

A 52 ☐

B 35 ☐

C 70 ☐

D 105 ☐

12

A ☐

B £22 ☐

C £11 ☐

D £7 ☐

13

A 4/7 > 1/3 ☐

B 4/8 ☐

C 3/7 ☐

D 5/7 ☐

14

A ☐

B £9 ☐

C £3 ☐

D £4 ☐

15

A 0.5 ☐

B 2 ☐

C 2.5 ☐

D 1 ☐

16

A £18 ☐

B £9 ☐

C £6 ☐

D £12 ☐

17

A 119756 ☐

B 89817 ☐

C 59878 ☐

D 179634 ☐

18

A 2 : 1 ☐

B 1 : 2 ☐

C 2 : 2 ☐

D 1 : 3 ☐

19

A 186 ☐

B 93 ☐

C 62 ☐

D 124 ☐

20

A

B £20 ☐

C £30 ☐

D £60 ☐

21

A 12 ☐

B 6 ☐

C 4 ☐

D 8 ☐

22

A 4/13 ☐

B 3/12 ☐

C 4/12 ☐

D 5/12 ☐

23

A 21 ☐

B 10 ☐

C 31 ☐

D 15 ☐

24

A 48 ☐

B 24 ☐

C 16 ☐

D 32 ☐

25

A 13 ☐

B 26 ☐

C 19 ☐

D 39 ☐

26

A £25 ☐

B £50 ☐

C £75 ☐

D £37 ☐

27

A 6 ☐

B 4 ☐

C 8 ☐

D 12 ☐

28

A 12348 ☐

B 6174 ☐

C 8232 ☐

D 4116 ☐

29

A 259 ☐

B 777 ☐

C 518 ☐

D 388 ☐

30

A 2385 ☐

B 3180 ☐

C 4770 ☐

D 1590 ☐

31

A 34 ☐

B 51 ☐

C 69 ☐

D 103 ☐

32

A £5 ☐

B £3 ☐

C £7 ☐

D £10 ☐

33

A £20 ☐

B £30 ☐

C £40 ☐

D £60 ☐

34

A 10 ☐

B 7 ☐

C 14 ☐

D 21 ☐

35

A 7 : 5 ☐

B 8 : 4 ☐

C 4 : 7 ☐

D 7 : 4 ☐

36

A 169 ☐

B 113 ☐

C 56 ☐

D 84 ☐

37

A 2 ☐

B 1.5 ☐

C 0.5 ☐

D 1 ☐

38

A 888 ☐

B 592 ☐

C 444 ☐

D 296 ☐

39

A 67 ☐

B 100 ☐

C 50 ☐

D 33 ☐

40

A 1 ☐

B 2.35 ☐

C 0.35 ☐

D 2 ☐

41

A 29 ☐

B 58 ☐

C 39 ☐

D 19 ☐

42

A 359 ☐

B 269 ☐

C 179 ☐

D 538 ☐

43

A 11 ☐

B 1 ☐

C 2 ☐

D 3 ☐

44

A 6 : 2 ☐

B 1 : 6 ☐

C 6 : 1 ☐

D 7 : 1 ☐

45

A 25/31 ☐

B 26/30 ☐

C 24/30 ☐

D 25/30 ☐

46

A 1260 ☐

B ☐

C 630 ☐

D 420 ☐

47

A 1/4 < 4/5 ☐

B 2/4 ☐

C 3/4 ☐

D 1/5 ☐

48

A 15

B 7

C 22

D 11

49

A 3

B 2

C -49

D 1

50

A 13

B 19

C 39

D 26

END OF TEST