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Grammar School Entrance Practice Paper 20

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-020 | 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
Jo

Date
18/02/2026

Paper ID
GP-020

1 Quick! 16 - 14 = ?

A 1   **B** 2   **C** 4   **D** 3

2 Convert 20/25 to a decimal.

A 0.8   **B** 1   **C** 2.8   **D** 1.6

3 Calculate: 18 - 15 = ?

A 2   **B** 3   **C** 4   **D** 1

4 Find the missing number: 10 × ___ = 30

A 2   **B** 3   **C** 4   **D** 1

5 Harper buys 3 pencils at £7 each. Later, Harper gives away 2 of them. How much are the remaining pencils worth in total?

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

6 Calculate: 206 * 429 = ?

A 88374   **B** 44187   **C** 66280   **D** 132561

7 Use a mental strategy to calculate: 148 + 9

    A 78   **B** 235   **C** 117   **D** 157

---

8 Write an equivalent fraction to 4/5 by multiplying numerator and denominator by 3.

    A 12/15   **B** 11/15   **C** 13/15   **D** 12/16

---

9 Find the missing number: 5 × ___ = 20

    A 6   **B** 3   **C** 4   **D** 2

---

10 Quick! 222 * 225 = ?

    A 49950   **B** 74925   **C** 24975   **D** 37462

---

11 Quick! 59 + 21 = ?

    A 80   **B** 40   **C** 60   **D** 120

---

12 Find the next term in the sequence: 15, 17, 19, 21, 23, ___

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

---

13 Sophia buys 4 marbles at £11 each. Later, Sophia gives away 3 of them. How much are the remaining marbles worth in total?

    A £5   **B** £16   **C** £11   **D** £8

---

14 Simplify the ratio 20 : 15.

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

15 Which is larger: 2/5 or 1/4?

A 3/5   **B** 2/6   **C** 2/5 > 1/4   **D** 1/5

---

16 Elijah buys 3 biscuits at £9 each. Later, Elijah gives away 1 of them. How much are the remaining biscuits worth in total?

A £9   **B** £18   **C** £13   **D** £27

---

17 Olivia and Noah share £12 in the ratio 2 : 2. How much does each person get?

A Olivia gets £6, Noah gets £6   **B** £9   **C** £4   **D** £3

---

18 Calculate: 12 - 9 = ?

A 3   **B** 2   **C** 4   **D** 1

---

19 Emma buys 6 biscuits at £3 each. Later, Emma gives away 1 of them. How much are the remaining biscuits worth in total?

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

---

20 Estimate 618 + 362 by rounding to the nearest 10.

A 1470   **B** Estimate: 980 (exact: 980)   **C** 490   **D** 735

---

21 Find 50% of 90.

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

22 Quick! 16 + 3 = ?

A 19   **B** 14   **C** 28   **D** 9

---

23 Calculate: 60 / 10 = ?

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

---

24 Convert 7/10 to a decimal.

A 0.7   **B** 1.7   **C** 2   **D** 1

---

25 Convert 2/4 to a decimal.

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

---

26 Use a mental strategy to calculate: 12 + 29

A 20   **B** 41   **C** 30   **D** 61

---

27 Use a mental strategy to calculate: 18 + 29

A 70   **B** 23   **C** 47   **D** 35

---

28 Simplify the ratio 36 : 36.

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

29 Decrease £80 by 25%.

A £45   **B** £60   **C** £90   **D** £30

30 Find the next term in the sequence: 14, 7, 0, -7, -14, ___

A 2   **B** 3   **C** 1   **D** -21

31 Write an equivalent fraction to 2/8 by multiplying numerator and denominator by 4.

A 9/32   **B** 8/32   **C** 7/32   **D** 8/33

32 Ava buys 3 cards at £13 each. Later, Ava gives away 2 of them. How much are the remaining cards worth in total?

A £19   **B** £9   **C** £6   **D** £13

33 Quick! 201 * 464 = ?

A 46632   **B** 69948   **C** 139896   **D** 93264

34 Use a mental strategy to calculate: 46 + 49

A 95   **B** 47   **C** 71   **D** 142

35 Simplify the ratio 18 : 9.

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

36 Simplify the ratio 18 : 12.

A 4 : 2   **B** 3 : 2   **C** 3 : 3   **D** 2 : 3

37 Sophia buys 11 sweets at £3 each. Later, Sophia gives away 6 of them. How much are the remaining sweets worth in total?

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

---

38 Find 35% of 19900.

A 6965   **B** 3482   **C** 10447   **D** 5223

---

39 Write an equivalent fraction to 4/7 by multiplying numerator and denominator by 5.

A 21/35   **B** 19/35   **C** 20/36   **D** 20/35

---

40 Calculate: 263 - 184 = ?

A 39   **B** 79   **C** 59   **D** 118

---

41 Find the missing number: 11 × ___ = 44

A 4   **B** 3   **C** 2   **D** 6

---

42 Decrease £190 by 20%.

A £152   **B** £76   **C** £114   **D** £228

---

43 Find 10% of 100.

A 7   **B** 5   **C** 10   **D** 15

44 Use a mental strategy to calculate: 93 + 9

A 76   **B** 51   **C** 102   **D** 153

---

45 Find the next term in the sequence: 2, 9, 16, 23, 30, ___

A 37   **B** 55   **C** 27   **D** 18

---

46 Calculate: 90 / 10 = ?

A 4   **B** 13   **C** 6   **D** 9

---

47 Calculate: 9 * 3 = ?

A 13   **B** 27   **C** 40   **D** 20

---

48 Simplify the ratio 3 : 24.

A 2 : 8   **B** 1 : 8   **C** 8 : 1   **D** 1 : 9

---

49 Quick! 2 + 20 = ?

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

---

50 Decrease £400 by 50%.

A £300   **B** £100   **C** £150   **D** £200

END OF TEST

Answer Sheet - Grammar School Entrance Practice Paper 20

autodidact **uk**

Name Jo

Date 18/02/2026

Test name Grammar School Entrance Practice Paper 20

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 1

B 2

C 4

D 3

2

A 0.8

B 1

C 2.8

D 1.6

3

A 2

B 3

C 4

D 1

4

A 2

B 3

C 4

D 1

5

A £10

B £7

C £5

D £3

6

A 88374 ☐

B 44187 ☐

C 66280 ☐

D 132561 ☐

7

A 78 ☐

B 235 ☐

C 117 ☐

D 157 ☐

8

A 12/15 ☐

B 11/15 ☐

C 13/15 ☐

D 12/16 ☐

9

A 6 ☐

B 3 ☐

C 4 ☐

D 2 ☐

10

A 49950 ☐

B 74925 ☐

C 24975 ☐

D 37462 ☐

11

A 80 ☐

B 40 ☐

C 60 ☐

D 120 ☐

12

A 18 ☐

B 37 ☐

C 25 ☐

D 12 ☐

13

A £5 ☐

B £16 ☐

C £11 ☐

D £8 ☐

14

A 4 : 3 ☐

B 5 : 3 ☐

C 3 : 4 ☐

D 4 : 4 ☐

15

A 3/5 ☐

B 2/6 ☐

C 2/5 > 1/4 ☐

D 1/5 ☐

16

A £9 ☐

B £18 ☐

C £13 ☐

D £27 ☐

17

A ☐

B £9 ☐

C £4 ☐

D £3 ☐

18

A 3 ☐

B 2 ☐

C 4 ☐

D 1 ☐

19

A £11 ☐

B £7 ☐

C £22 ☐

D £15 ☐

20

A 1470 ☐

B ☐

C 490 ☐

D 735 ☐

21

A 45 ☐

B 67 ☐

C 22 ☐

D 33 ☐

22

A 19 ☐

B 14 ☐

C 28 ☐

D 9 ☐

23

A 3 ☐

B 9 ☐

C 6 ☐

D 4 ☐

24

A 0.7 ☐

B 1.7 ☐

C 2 ☐

D 1 ☐

25

A 1.5 ☐

B 2 ☐

C 0.5 ☐

D 1 ☐

26

A 20 ☐

B 41 ☐

C 30 ☐

D 61 ☐

27

A 70

B 23

C 47

D 35

28

A 2 : 1

B 2 : 2

C 1 : 1

D 1 : 2

29

A £45

B £60

C £90

D £30

30

A 2

B 3

C 1

D -21

31

A 9/32

B 8/32

C 7/32

D 8/33

32

A £19

B £9

C £6

D £13

33

A 46632

B 69948

C 139896

D 93264

34

A 95 ☐

B 47 ☐

C 71 ☐

D 142 ☐

35

A 2 : 1 ☐

B 3 : 1 ☐

C 2 : 2 ☐

D 1 : 2 ☐

36

A 4 : 2 ☐

B 3 : 2 ☐

C 3 : 3 ☐

D 2 : 3 ☐

37

A £15 ☐

B £7 ☐

C £22 ☐

D £11 ☐

38

A 6965 ☐

B 3482 ☐

C 10447 ☐

D 5223 ☐

39

A 21/35 ☐

B 19/35 ☐

C 20/36 ☐

D 20/35 ☐

40

A 39 ☐

B 79 ☐

C 59 ☐

D 118 ☐

41

A 4 ☐

B 3 ☐

C 2 ☐

D 6 ☐

42

A £152 ☐

B £76 ☐

C £114 ☐

D £228 ☐

43

A 7 ☐

B 5 ☐

C 10 ☐

D 15 ☐

44

A 76 ☐

B 51 ☐

C 102 ☐

D 153 ☐

45

A 37 ☐

B 55 ☐

C 27 ☐

D 18 ☐

46

A 4 ☐

B 13 ☐

C 6 ☐

D 9 ☐

47

A 13 ☐

B 27 ☐

C 40 ☐

D 20 ☐

48

A 2 : 8 ☐

B 1 : 8 ☐

C 8 : 1 ☐

D 1 : 9 ☐

49

A 33 ☐

B 22 ☐

C 11 ☐

D 16 ☐

50

A £300 ☐

B £100 ☐

C £150 ☐

D £200 ☐

END OF TEST