



11+ MOCK EXAM

2025 - 2026

MATHS

PAPER 7



TEN MINUTE TEST

Name:

Date:

Time Allowed: **10 Minutes**



INSTRUCTIONS



You have **10 minutes** to complete this test.



You are encouraged to attempt all questions within the time limit. However, if you do not finish within **10 minutes**, continue working until the test is complete, while noting how long it took you. This will help you track and improve your speed over time.



Once you have finished, please visit www.11plushub.com or the **11PlusHub YouTube channel** to review the solutions and assess your performance.



www.11plushub.com

1. What are all the prime factors of 170?

- A) 2, 5 and 7
- B) 2, 5, 10 and 17
- C) 2, 3, 5 and 17
- D) 2, 5 and 17
- E) 5 and 17

2. What is the sum of the first three prime numbers greater than 5.

- A) 28
- B) 29
- C) 30
- D) 31
- E) 32

3. A triangle has one right-angle, and an acute angle of 48 degrees. What is the size of the remaining angle?

- A) 42 degrees
- B) 32 degrees
- C) 62 degrees
- D) 102 degrees
- E) 72 degrees

4. $8 - 3 \times 5$

- A) 25
- B) -25
- C) -7
- D) 7
- E) 0

5. What is 20% of 10% of 300?

- A) 3
- B) 6
- C) 9
- D) 12
- E) 15

6. What is the value of $6^2 + 2^2$?

- A) 16
- B) 25
- C) 30
- D) 40
- E) 52

7. If a car travels at a speed of 70 mph continuously for 3 and a half hours, how many miles does the car travel?

- A) 265 miles
- B) 350 miles
- C) 210 miles
- D) 215 miles
- E) 245 miles

8. A landscaper is measuring the perimeter of a rectangular garden. She calculates that the perimeter of the field is 80m.

If the length of the field is 32m, calculate the area of the field.

- A) 256m^2
- B) 512m^2
- C) 16m^2
- D) 150m^2
- E) 128m^2

9. Rosie is collecting data about the number of cars passing her house.

Between 9am and 10am, 32 cars drove past. Between 10am and 11am, 27 cars drove past, and between 11am and 12pm, 13 cars drove past.

What was the mean number of cars passing her house each hour?

- A) 72
- B) 27
- C) 24
- D) 40
- E) 19

10. Simon recorded data about the words used on the first page of a book. He noticed that the page contained 240 words, and the ratio of words beginning with consonants to words beginning with vowels was 2:1.

How many more words began with consonants than vowels?

- A) 40
- B) 80
- C) 120
- D) 160
- E) 200

End of Test