

BreinBoost

Grade 7 Mathematics Sample Exam

Grade	7
Time	20 min
Marks	20
Questions	12

A short Senior Phase preview using whole numbers, exponents and geometry. The full Grade 7 membership includes two different exams per subject per term plus resources and progress tracking.

Answer all questions. Show working where it helps.

1. Calculate: 2^5 . [1]

2. Which number is a prime factor of 84? [1]

A. 4

B. 6

C. 7

D. 9

3. Find the highest common factor of 24 and 36. [1]

4. $5^3 = 125$. [1]

True / False

5. Calculate: $4\,860\,000 \div 60$. [2]

6. Calculate: $2^3 \times 2^4$. [2]

7. Find $\sqrt{144}$. [2]

8. Two angles on a straight line add to 180° . One angle is 68° . Find the other angle. [2]

9. A triangle has angles of 53° and 67° . Find the third angle. [2]

10. What is the sum of the interior angles of a quadrilateral? **[2]**

11. A rectangle is 14.5 cm long and 8 cm wide. Find its perimeter in cm. **[2]**

12. What type of angle is 135° ? **[2]**

- A. Acute
- B. Right
- C. Obtuse
- D. Reflex

Sample only. Full BreinBoost access includes two exams per subject per term, printable papers and memorandums, progress tracking and learning resources.