



Annual Examinations for Middle Schools 2024

YEAR 7

**MATHEMATICS
Non-Calculator Paper**

TIME: 20 minutes

Name: _____ Class: _____

Mark

INSTRUCTIONS TO CANDIDATES

- **Answer All questions.**
- **This paper carries a total of 20 marks.**
- **Questions 1 to 10 carry 1 mark each.**
- **Questions 11 to 15 carry 2 marks each.**
- **Calculators and protractors are NOT ALLOWED.**

Questions 1 to 10 carry 1 mark each.

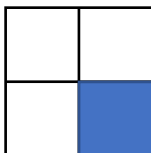
1. How many minutes are there in one hour?

Ans: _____ minutes

2. Round 18 to the nearest ten.

Ans: _____

3. What fraction is shaded?



Ans: _____

4. Ten balls cost €90. Calculate the cost of one ball.

Ans: €_____

5. Multiply 8 by 6.

Ans: _____

6. Divide 87 by 3.

Ans: _____

7.	What is the volume of this shape? Ans: _____ cubes
8.	Work out: 23×100 Ans: _____
9.	Work out: $\begin{array}{r} 345 \\ - 108 \\ \hline \\ \hline \end{array}$ Ans: _____
10.	Simplify $\frac{12}{15}$ in its lowest term. Ans: _____
Questions 11 to 15 carry 2 marks each. All necessary working must be shown.	
11.	Complete the sequence. $7.0, 7.5, 8.0, 8.5, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$
12.	Calculate: $\begin{array}{r} 38.4 \\ + 17.5 \\ \hline \\ \hline \end{array}$ Ans: _____

13.	Work out: $\frac{2}{5} \times 60$ Ans: _____
14.	The perimeter of a square is 36 cm. What is the length of one of the sides? Ans: _____cm
15.	Work out the output. <pre> graph LR A[12] --> B[x4] B --> C[- 9] C --> D[] </pre> Ans: _____

End of Non-Calculator Paper