



Annual Examinations for Middle Schools 2024

YEAR 8

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. Add 134 and 257.

Ans: _____

2. Work out: $647 - 583$

Ans: _____

3. Change $\frac{3}{4}$ to a decimal.

Ans: _____

4. Change 2.035 km to metres.

Ans: _____m

5. Fill in:

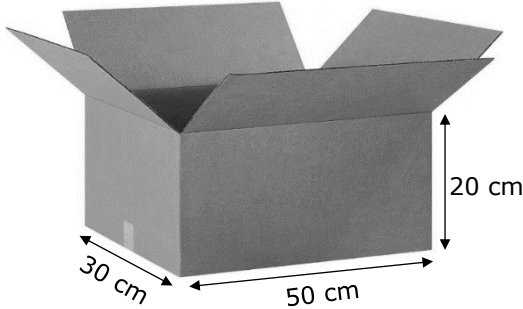
$$\frac{4}{5} = \frac{20}{\boxed{}}$$

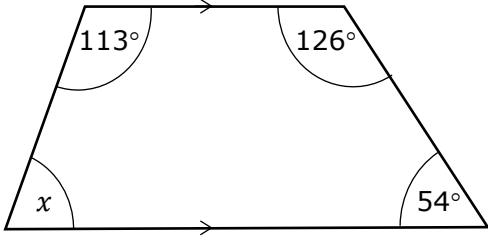
6. Simplify: $14 : 35$

Ans: _____

7. Change 40% to a fraction in its lowest terms.

Ans: _____

8.	These are the heights of five women: 1.66 m, 1.67 m, 1.59 m, 1.63 m, 1.56 m What is the range of these heights? Ans: _____m
9.	Work out the volume of this box.  Ans: _____cm³
10.	Work out: $\frac{3}{8} \times 320$ Ans: _____
Questions 11 to 15 carry 2 marks each. All necessary working must be shown.	
11.	Complete the sequence: 8.5, 8.3, 8.1, _____, _____, 7.5, _____
12.	Work out: $15 \div 5 + 7 \times 2$ Ans: _____

13.	Circle the factors of 48. 3 4 5 9 14 16 18 24
14.	What is the size of angle x?  Ans: _____ °
15.	Three water bottles cost €75.60. Calculate the cost of five water bottles.  Ans: € _____

END OF NON-CALCULATOR PAPER