



Annual Examinations for Middle Schools 2023

YEAR 7

**MATHEMATICS
Non-Calculator Paper**

TIME: 30 minutes

Question	1	2	3	4	5	6	Total
Mark							

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

Instructions to Candidates

- **Answer all questions.**
- **This paper carries a total of 25 marks.**
- **Calculators and protractors are NOT ALLOWED.**
- **All necessary working must be shown.**

1. Fill in:

a) 9.7, 9.9, _____, _____

b) _____, 14.65, 14.9, _____

(4 marks)

2. Work out:

a) $5 - 9 + 2$

Ans: _____

b) $10 + 2^3 \times 5 \div (32 - 12)$

Ans: _____

c) $\frac{4}{7} \times \frac{2}{5}$

Ans: _____

(5 marks)

3. a) Estimate:

$$912 \div 38$$

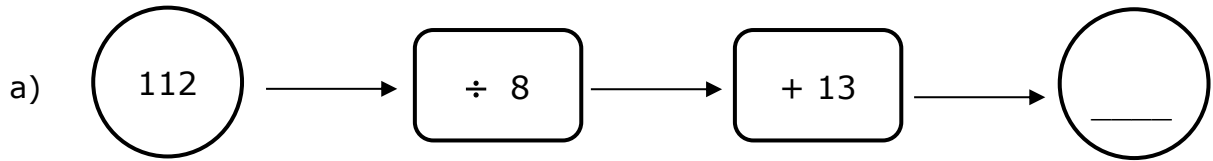
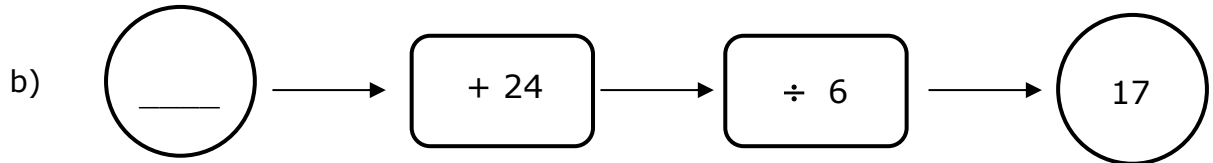
Ans: _____

b) Work out the exact value of: $912 \div 38$

Ans: _____

(4 marks)

4. Fill in the following function machines:



(4 marks)

5. Solve: $24 + 9x = 69$

Ans: _____

(3 marks)

6. a) Work out the LCM of 15 and 20.

Ans: _____

b) Work out, giving your answer as a mixed number in its simplest form.

$$\frac{5}{6} + \frac{7}{12} - \frac{1}{4}$$

Ans: _____

(5 marks)

END OF NON-CALCULATOR PAPER

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