

Annual Examinations for Middle Schools 2023

YEAR 7

**MATHEMATICS
Non-Calculator Paper**

TIME: 30 minutes

Question	1	2	3	4	5	6	7	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 the necessary working must be shown.**

1. Fill in:

a) 6.7, 6.9, _____, _____, 7.5

b) _____, 4.35, 4.6, _____

(4 marks)

2. Work out:

a) $5 - 9 + 2$

Ans: _____

b) $2^3 + 18 \div (32 - 14)$

Ans: _____

(4 marks)

3. a) Estimate:

$$1056 \div 48$$

Ans: _____

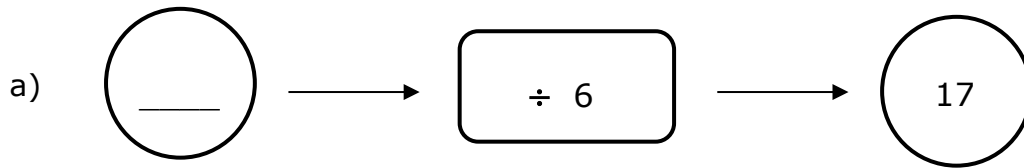
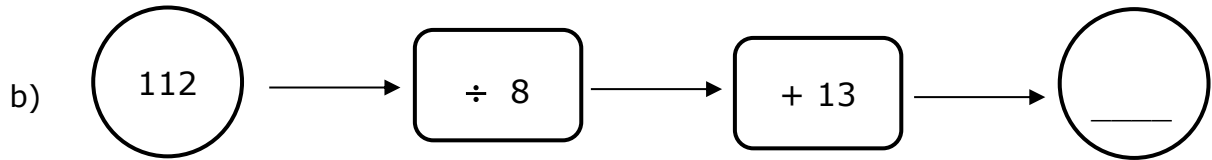
b) Work out the exact value of:

$$1056 \div 48$$

Ans: _____

(4 marks)

4. Fill in the following function machines:



(3 marks)

5. Solve: $4x + 34 = 90$

Ans: _____

(3 marks)

6. a) The LCM of 8 and 10 is _____.

b) Work out, giving your answer as a mixed number.

$$\frac{1}{4} + \frac{11}{12}$$

Ans: _____

(4 marks)

7. Write in descending order.

1.64, 75%, $1\frac{4}{5}$

Ans: _____, _____, _____

(3 marks)

END OF NON-CALCULATOR PAPER