

Annual Examinations for Secondary Schools 2023

YEAR 11

**MATHEMATICS
Non-Calculator Paper**

TIME: 15 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. Work out:

(a) $124 - 36$

Ans: _____

(b) $31\,842 + 459$

Ans: _____

(c) 58×3

Ans: _____

(d) $182 \div 7$

Ans: _____

(8 marks)

2. Work out:

(a) 247×100

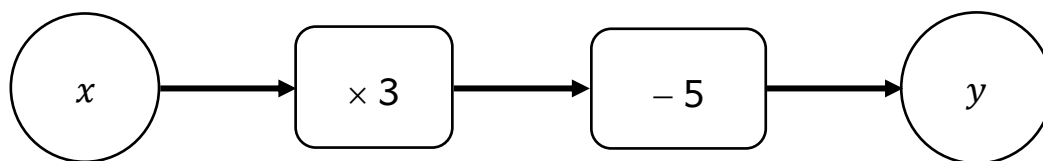
Ans: _____

(b) $596 \div 10$

Ans: _____

(2 marks)

3. This is a function machine.



What is the value of y when $x = 12$?

Ans: $y =$ _____

(3 marks)

4. Write down the next terms:

(a) 30, 27, 24, 21, _____, _____

(b) _____, 8, 16, 32, _____

(4 marks)

5. (a) Sarah left home for work at 6:45 a.m.
She drove for 30 minutes and walked for 15 minutes.
At what time did she arrive at work?

Ans: _____

- (b) Complete the following table:

12-hour clock	24-hour clock
4:15 p.m.	
	23:30

(5 marks)

6. A tank can hold 10 litres of water.

There are already 1900 ml in the tank.

How many more millilitres need to be poured in the tank to be completely full?

Ans: _____ ml

(3 marks)

END OF NON-CALCULATOR PAPER