



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. a) From the given set of numbers below, write down the **smallest** possible three-digit **even** number.

3 **8** **5** **2**

- b) Write down your answer in part (a) in words.

(2 marks)

2. Work out:

a)
$$\begin{array}{r} 725 \\ - 431 \\ \hline \end{array}$$

b)
$$\begin{array}{r} 268 \\ + 509 \\ \hline \end{array}$$

c)
$$\begin{array}{r} 15.3 \\ \times 4 \\ \hline \end{array}$$

d) $36.9 \div 3$

(8 marks)

3. In a school there are 128 Year 7 students.
25% of these students wear glasses.
How many students wear glasses?

Ans: _____ students

(2 marks)

4. a) Work out:

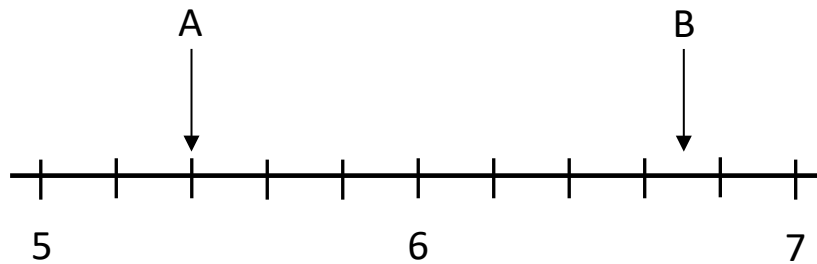
$$\frac{2}{5} \text{ of } 35$$

Ans: _____

- b) Simplify in its lowest terms:

$$\frac{12}{20} = \frac{\boxed{}}{\boxed{}}$$

- c) Write down the values of A and B.



Ans: A = _____

B = _____

(5 marks)

5. Continue the number pattern.

- a) First number is 32. The rule is **subtract 4**.

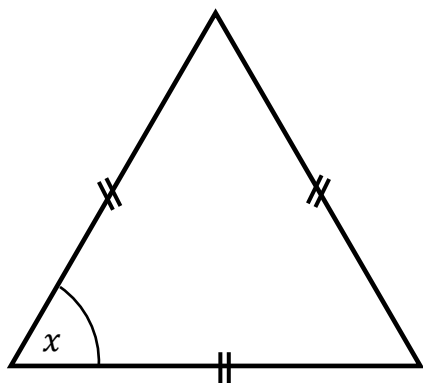
32, _____, _____

- b) First number is 12. The rule is **multiply by 10**.

12, _____, _____

(4 marks)

6.



a) Choose the correct answer.

The triangle is _____.

(right-angled, isosceles, equilateral, scalene)

b) Draw the lines of symmetry of the triangle.

c) Work out the size of the angle marked x .

Ans: $x =$ _____

(4 marks)

End of Non-Calculator Paper