



Annual Examinations for Middle Schools 2022

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. a) Write in figures:

Eight hundred and three thousand, two hundred and seventy

Ans: _____

b) Work out:

$$\begin{array}{r} 145.09 + \\ 19.4 \\ \hline \\ \hline \end{array}$$

c) Round 23.79 correct to 1 decimal place.

Ans: _____

(3 marks)

2. Match:

25% •

• 75%

$\frac{2}{5}$ •

• $\frac{1}{4}$

$\frac{3}{4}$ •

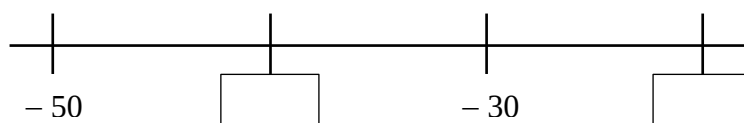
• $\frac{1}{2}$

50% •

• 0.4

(4 marks)

3. a) Fill in the missing values on the number line.



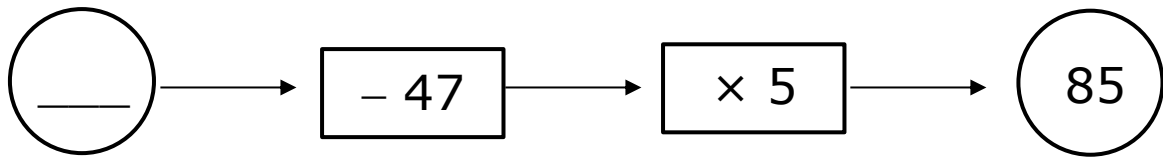
b) Melchior is at level -3. He needs to go down two floors to his parked car.

In which level is his car parked?

Ans: _____

(4 marks)

4. a) Fill in.



b) Simplify.

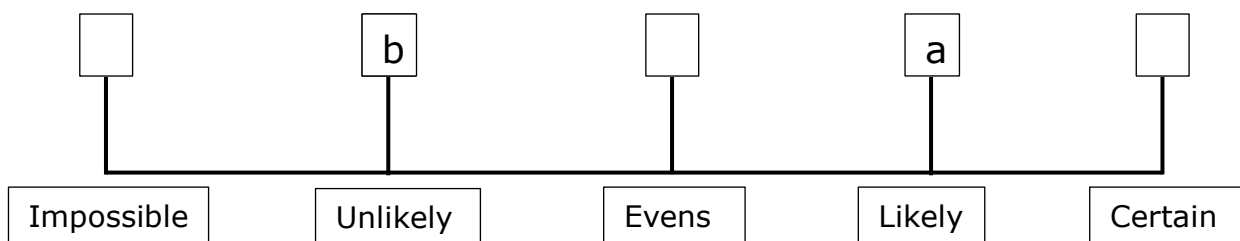
$$8m + 7d - 4m - 10d$$

Ans: _____

(4 marks)

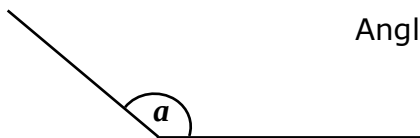
5. Fill in: Parts (a) and (b) have been done for you.

- a) In summer, the weather is sunny.
- b) A vowel is chosen from all the letters of the alphabet.
- c) The day after Thursday is Friday.
- d) The next baby born is a girl.
- e) A man lives 400 years.



(3 marks)

6. a)



Angle a is roughly (40° , 140° , 100°).

b) 3.5 hours = _____ minutes

(3 marks)

7. a) Complete the Carroll Diagram.

36, 45, 35, 72, 90, 28, 70, 56

	Multiples of 4	Multiples of 5
Multiples of 9		45
Multiples of 7	56	

b) What is the least common multiple of 4 and 9?

Ans: _____

(4 marks)

END OF NON-CALCULATOR PAPER