



FORM 3

MATHEMATICS
Non-Calculator Paper

TIME: 30 minutes

Name: _____

Class: _____

Question	1	2	3	4	5	6	7	Total
Mark								

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) $1.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

(b) $98.7 \text{ litres} = \underline{\hspace{2cm}} \text{ cm}^3$

(c) $634 \text{ mm} = \underline{\hspace{2cm}} \text{ cm}$

(d) $2350 \text{ ml} = \underline{\hspace{2cm}} \text{ litres}$

(4 marks)

2. (a) Simplify $12 : 60$ as much as possible.

Ans:

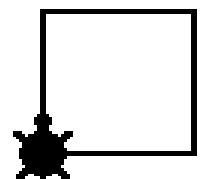
(b) Find the missing quantity:

: 6 = 40 : 48

(3 marks)

3. This logo statement draws a square of sides 50 turtle steps. Fill in the missing commands.

Repeat [FD RT]



(3 marks)

4. Work out these fractions and give your answers in their simplest form.

(a) $\frac{1}{6} + \frac{7}{12}$

Ans: _____

(b) $\frac{11}{24} - \frac{3}{8}$

Ans: _____

(c) $\frac{2}{9} \times \frac{3}{10}$

Ans: _____

(8 marks)

5. Work out:

(a) $(+10) - (-8)$

Ans: _____

(b) $4 \times (-2)$

Ans: _____

(c) $(-12) \div (+3)$

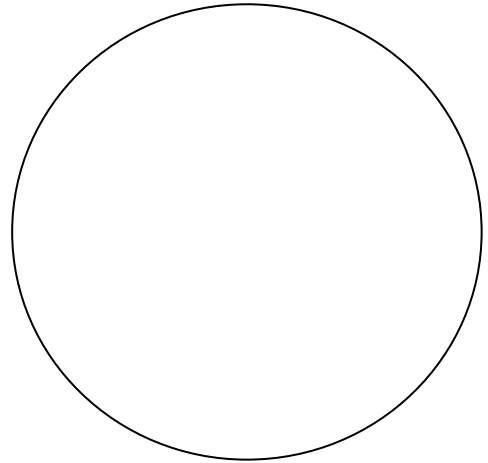
Ans: _____

(3 marks)

6. Use the circle below to draw

(a) a chord

(b) a sector



(2 marks)

7. (a) Change $2\frac{1}{4}$ into an improper fraction.

Ans: _____

(b) Change $\frac{17}{3}$ into a mixed number.

Ans: _____

(2 marks)

End of Non-Calculator Paper