

a) When was the highest temperature recorded?

Friday

21

(1 mark)

b) How many degrees centigrade were recorded on Tuesday?

35°C

21

(1 mark)

(1 mark)

32. Find the missing number.

a) $\boxed{3} \times 7 = 21$

□

$$\therefore 21 \div 7 = 3$$

□

$$\therefore = 3$$

b) $36 \div \boxed{4} = 9$

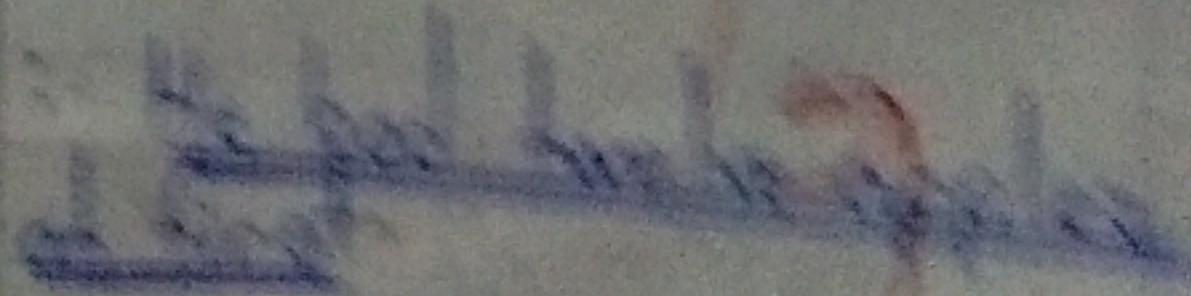
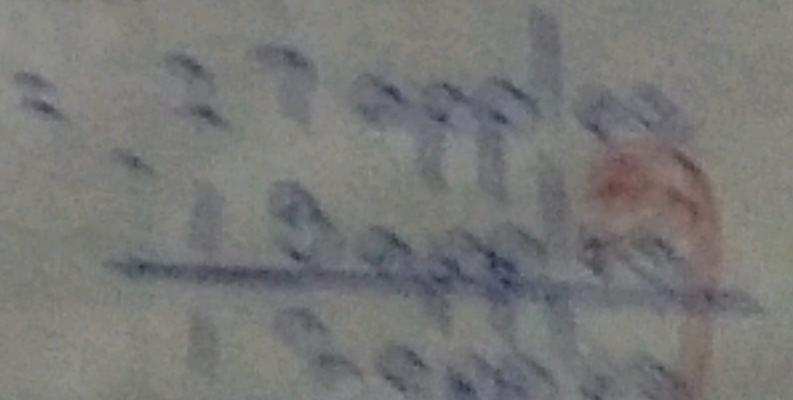
□

$$\therefore 36 \div 9 = 4$$

□

$$\therefore = 4$$

Peter had 3 apples. Mary gave him more 15 apples and in total they became 27. How many apples did he have at first?



(1 mark)

29. a) **Workout:**

$$\begin{array}{r}
 46293 \\
 + 50634 \\
 \hline
 96927
 \end{array}$$

b) **Divide:**

$$\begin{array}{r}
 64 \text{ by } 4 \\
 \overline{)64} \\
 4 \overline{)2} \\
 2 \overline{)2}
 \end{array}$$

(02 marks)

c) **Multiply:**

$$\begin{array}{r}
 305 \\
 \times 7 \\
 \hline
 2135
 \end{array}$$

(02 marks)

30. Work out the value of the unknown angle below.

$$\begin{aligned}
 P + 73^\circ &= 90^\circ \\
 P + 73^\circ - 73^\circ &= 90^\circ - 73^\circ \\
 P &= 17^\circ
 \end{aligned}$$

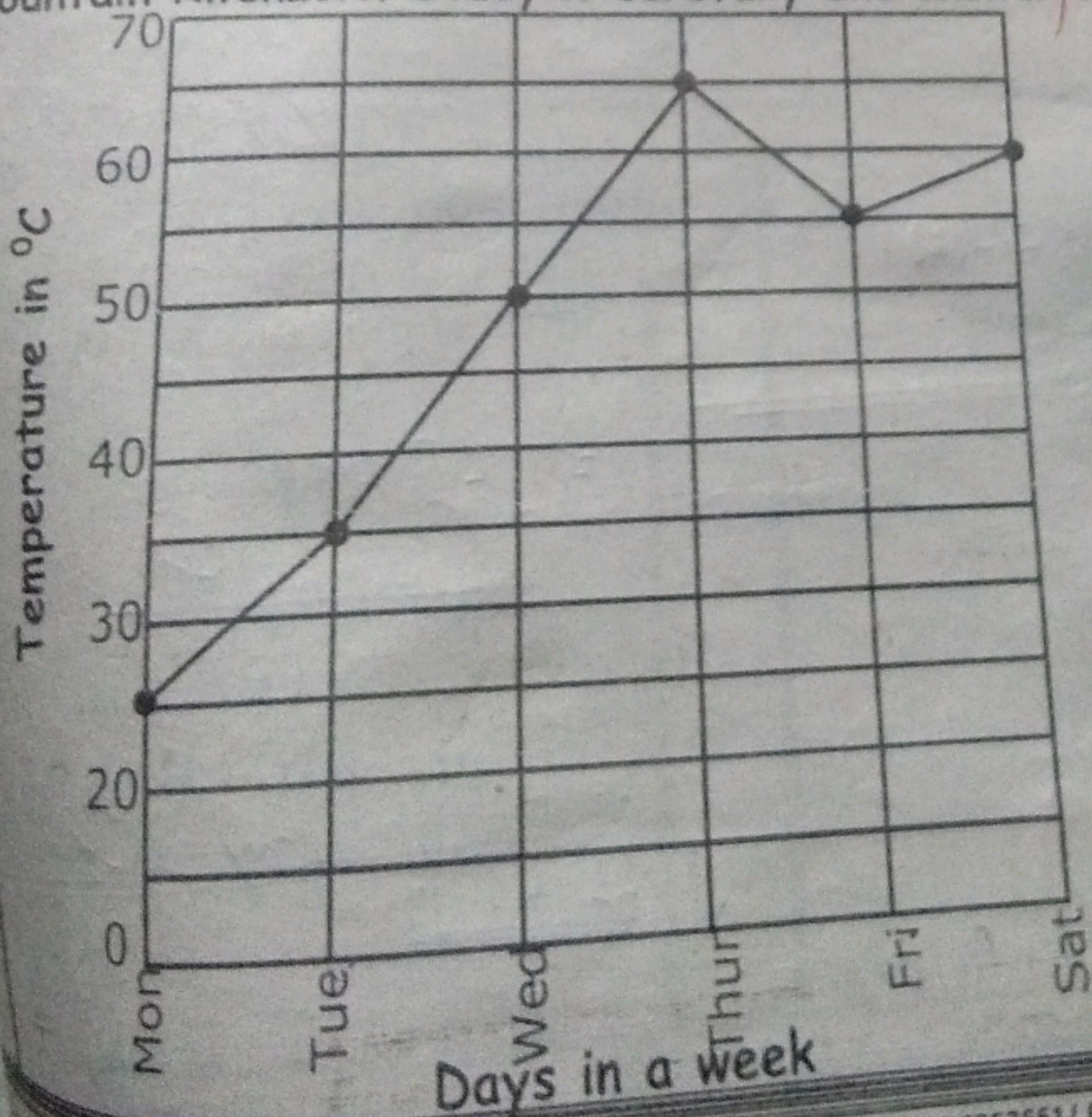
(02 marks)

d)

$$\begin{aligned}
 y + 120^\circ &= 180^\circ \\
 y + 180^\circ - 120^\circ &= 180^\circ - 120^\circ \\
 y &= 60^\circ
 \end{aligned}$$

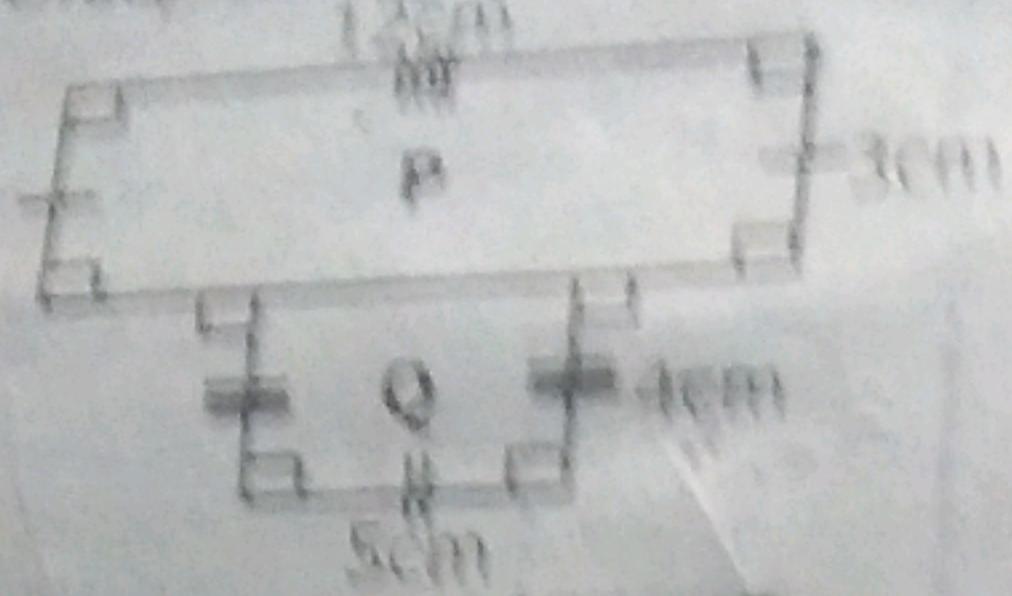
(02 marks)

31. The graph below shows the temperature recorded for five days on mountain Rwenzori. Study it carefully and answer the questions.



Study the figure below and use it to answer the questions.

27.



- a) Find the area of figure P.

$$A = b \times h$$

$$A = (6 \times 3) \text{ cm}^2$$

$$A = 18 \text{ cm}^2$$

- b) Calculate the area of figure Q.

$$A = b \times h$$

$$A = (4 \times 5) \text{ cm}^2$$

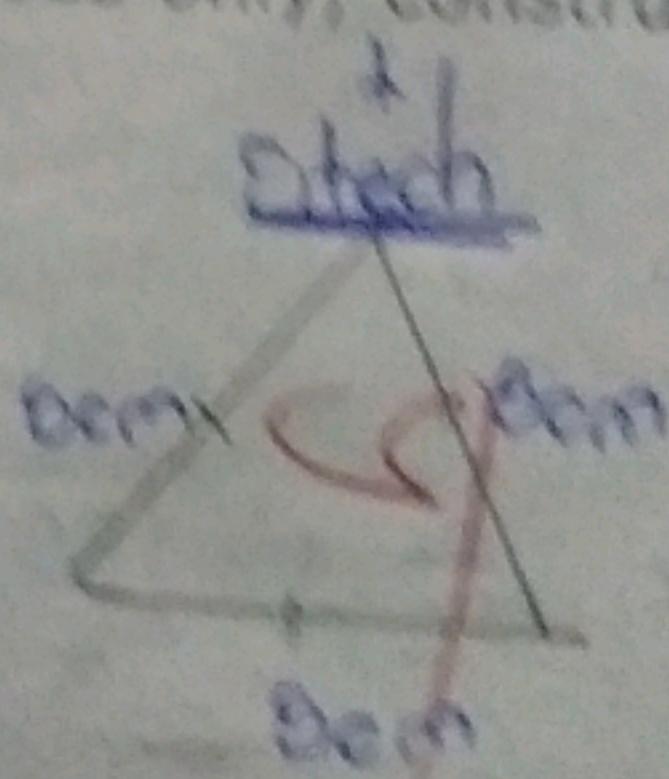
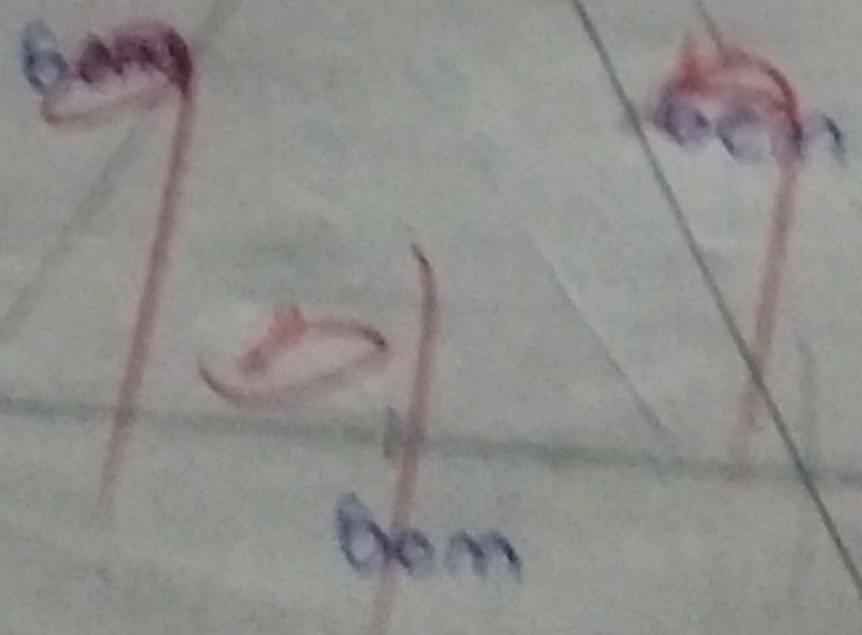
$$A = 20 \text{ cm}^2$$

- c) Work out the total area of the whole figure.

$$\therefore 18 + 20 = 38 \text{ cm}^2$$

28. Using a ruler, a pencil and a pair of compasses only, construct a triangle ABC where $AB = BC = AC = 5\text{cm}$.

Isosceles



b)

- Workout the perimeter of the triangle ABC.

$$P = 5+5+5$$

$$P = (5+5+5) \text{ cm}$$

$$P = 15 \text{ cm}$$

6

24. Express $2\frac{1}{2}$ hours in to minutes.

$$\text{hrs} = 60 \text{ mins}$$

$$2\frac{1}{2} \text{ hrs} = (\frac{5}{2} \times 60) \text{ mins}$$

$$= 150 \text{ mins}$$

(02 marks)

b) Workout: hours minutes

| | |
|-------|-----|
| 4 | 2 0 |
| + 2 | 5 0 |
| <hr/> | |

| | |
|-----------------|---------------|
| 13 | 10 |
| - 10 | 0 |
| <hr/> | |

(02 marks)

25. Write 4.26 in words without using the word point.

four and twenty six hundredths

(02 marks)

b) Name the place value of 2 in 4.26.

4. ~~2~~6

~~2~~ - tenths

(01 mark)

Workout: $23.45 + 4.986$

$$\begin{array}{r}
 23.45 \\
 + 4.986 \\
 \hline
 28.436
 \end{array}
 \quad \therefore 23.45 + 4.986 = 28.436$$

(02 marks)

5. Study the price list below and use it to answer the questions that follow.

1 bar of soap at Sh. 2000

1 chapati at Sh. 1000

1 litre of milk at Sh. 1800

1 packet of biscuit at Sh. 2500

How much would one pay for 2 litres of milk?

1 litre \rightarrow Sh. 1800

2 litres \rightarrow $(2 \times \text{Sh. } 1800)$

$$= \text{Sh. } 3600$$

Sh. 1800

~~Sh. 1800~~

$$\cancel{\text{Sh. } 3600}$$

(02 marks)

If Sabyu bought a bar of soap, find her change if she had Sh. 5000 in her wallet.

$$\text{Change} = \text{Sh. } 5000 - \text{Sh. } 2000$$

$$\text{Sh. } 3000$$

(02 marks)

c) Natasha bought 3 chapati and a packet of biscuits. How much did she spend altogether?

$$1 \text{ chapati} \rightarrow \text{Sh. } 1000$$

$$3 \text{ chapati} \rightarrow 3 \times \text{Sh. } 1000$$

$$= \text{Sh. } 3000$$

$$+ \text{Sh. } 2500$$

$$\text{Sh. } 5500$$

(02 marks)

SECTION B (60 Marks)

| | | |
|---|-----------|---|
| <p>21. a) Workout:</p> $ \begin{array}{r} 4 \ 2 \ 3_{\text{base } 5} \\ + 1 \ 4_{\text{base } 5} \\ \hline 4 \ 4 \ 2_{\text{base } 5} \end{array} $ | <p>b)</p> | <p>Change 13_{10} to quinary base system.</p> $ \begin{array}{r} 13 \div 5 = 2 \text{ remainder } 3 \\ 2 \div 5 = 0 \text{ remainder } 2 \\ \hline 3 \ 2 \end{array} $ <p>$= 23_5$</p> |
|---|-----------|---|

22. Given the two sets;
Set M = {Counting numbers between 1 and 7}
Set N = {The first 5 even numbers}

| | |
|---|---|
| <p>a) List down the elements of sets;</p> <p>(i) $M = \{1, 2, 3, 4, 5, 6\}$ M</p> | <p>b) Represent the two sets on a Venn diagram below.</p> |
| <p>(ii) $N = \{0, 2, 4, 6, 8\}$ N</p> | |

23. Use the magic square below to answer the questions that follow.

| | | |
|---|---|---|
| 2 | W | 6 |
| Y | 5 | X |
| Z | 3 | 8 |

- a) Find the magic sum.

$$\begin{aligned}
 \text{magic sum} &= 2 + 6 + 8 \\
 &= 16
 \end{aligned}$$

(03 marks)

- b) Work out the values of;

X

$$x = 16 - (6 + 8)$$

$$x = 16 - 14$$

$x = 2$

(01 mark)

(iii)

Z

$$z = 16 - (3 + 8)$$

$$z = 16 - 11$$

$$z = 5$$

(01 mark)

(01 mark)

(ii)

W

$$w = 16 - (5 + 3)$$

$$w = 16 - 8$$

$$w = 8$$

(01 mark)

(iv)

Y

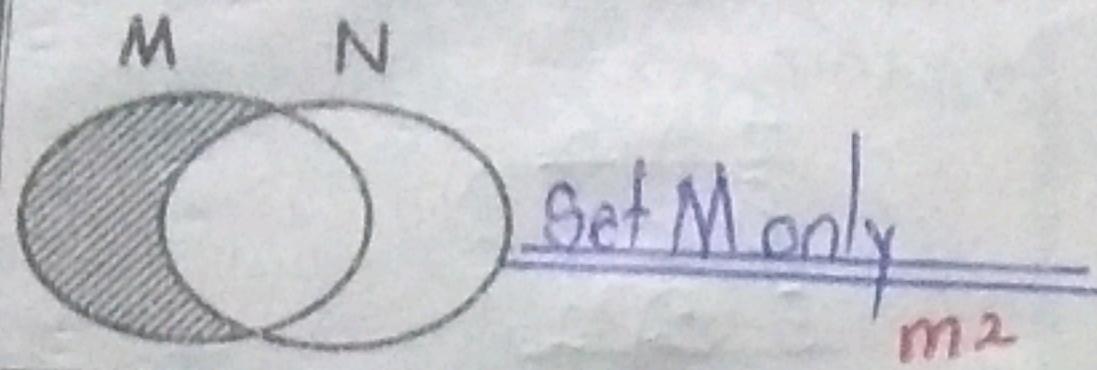
$$y = 16 - (6 + 1)$$

$$y = 16 - 7$$

$$y = 9$$

(01 mark)

11. Describe the shaded region below.



13. A mathematics lesson started at 8:00a.m and ended at 10:30a.m, how long was the lesson.

$$D = E_t - S_t$$

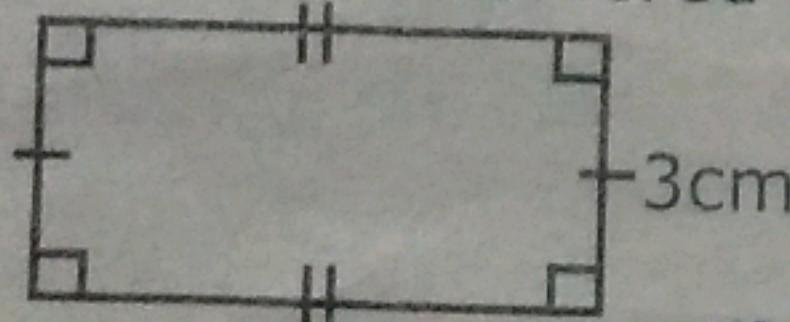
$$= 10:30 \text{ a.m} \\ 8:00 \text{ a.m} \\ 2:30 \quad m^2$$

: The lesson took 2 hours and 30 minutes

15. Draw tally marks to represent 23 books.

books
m²

17. Namusoke moved the geometric shape twice, work out the distance she covered in cm.



$$P = L + W + L + W \\ P = (5 + 3 + 5 + 3) \text{ cm} \\ P = 2 \times 16 \text{ cm} \\ P = 32 \text{ cm}$$

$$\begin{array}{r} 16 \\ \times 2 \\ \hline 32 \end{array}$$

19. Find the sum of the first six even numbers.

$$= 2, 4, 6, 8, 10, 12 \}$$

$$= (0+2+4+6+8+10)$$

$$= 30$$

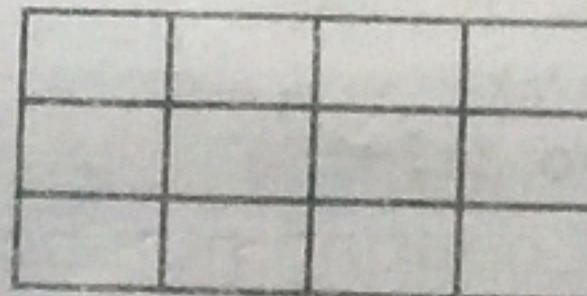
$$= 30$$

12. Write 5,459 in words.

| Thousands | Units | | | | | |
|-----------|-------|---|---|---|---|---|
| H | T | O | H | T | S | U |
| 5 | 4 | 5 | 9 | 4 | 5 | 9 |

Five thousand four hundred fifty nine

14. Work out the area of the figure below.

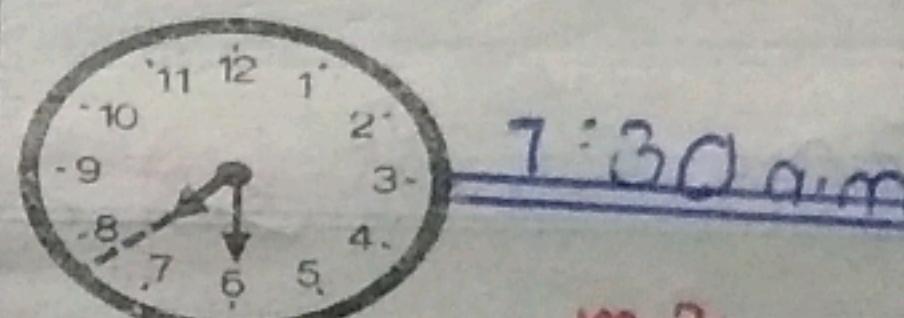


$$A = L \times W$$

$$A = (4 \times 3) \text{ cm}^2$$

$$A = 12 \text{ cm}^2 \quad m^2$$

16. Tell the morning time on the clock face below.



7:30 a.m.

m²

18. Find the missing number.

$$\frac{\boxed{8}}{4} = 8$$

$$\boxed{8} = 8 \times 4 \quad m^2$$

$$\boxed{8} = 32 \quad m^2$$

19

20. Simplify: 5pens + 9pens - 3pens

$$5 \cancel{\text{pens}} + 9 \text{ pens} - 3 \cancel{\text{pens}}$$

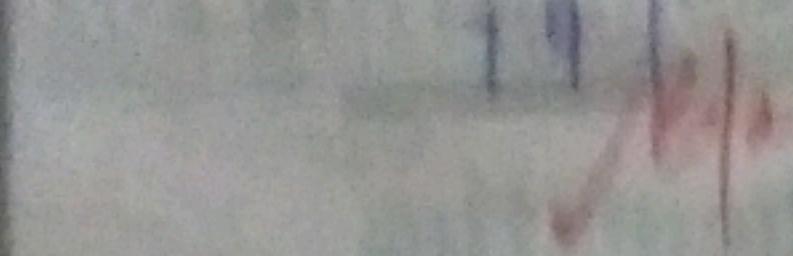
$$= 14 \cancel{\text{pens}} - 3 \text{ pens}$$

$$= 11 \text{ pens}$$

SECTION A (40 Marks)

Workout:

$$\begin{array}{r} 123 \\ \times 12 \\ \hline 246 \\ 123 \\ \hline 1512 \end{array}$$



1. Find the value of 4 hundreds + 3 tens.

$$\begin{array}{r} 4 \times 100 = 400 \\ + 3 \times 10 = 30 \\ \hline 430 \end{array}$$

2. Convert $3\frac{1}{4}$ as an improper fraction.

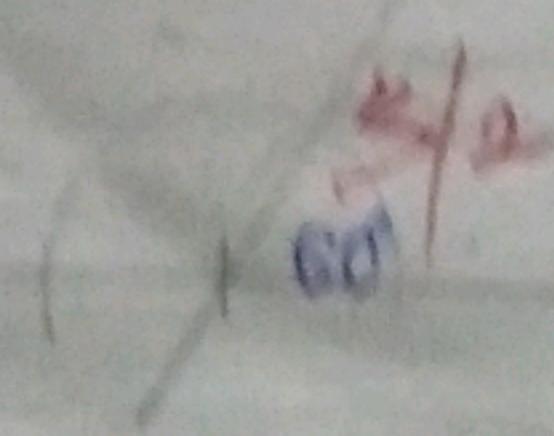
~~a) DAKAN~~

D

$$\begin{array}{r} (3 \times 4) + 1 \\ 12 + 1 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 13 \\ \hline 4 \end{array}$$

3. Using a ruler, a pencil and a pair of compasses only construct an angle of 60° .



4. Use $<$, $>$ or $=$ to complete correctly.

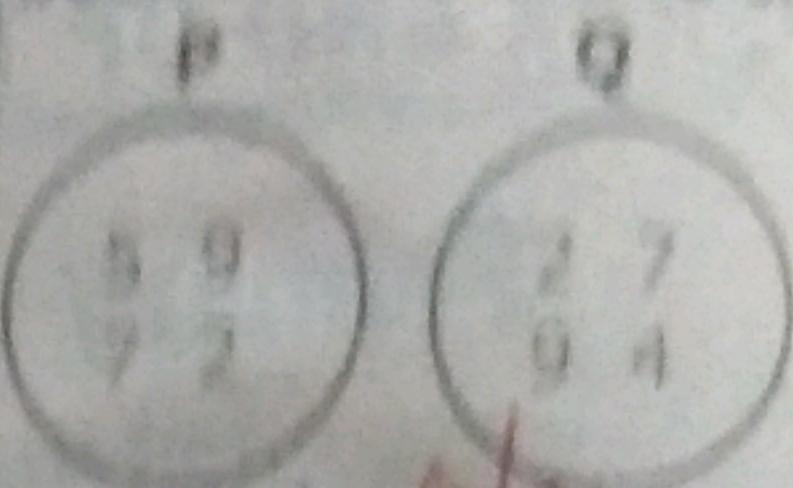
$$\begin{array}{c} \boxed{ } \\ 3 \\ 4 \end{array}$$

~~1 < 2~~

5. ~~20~~

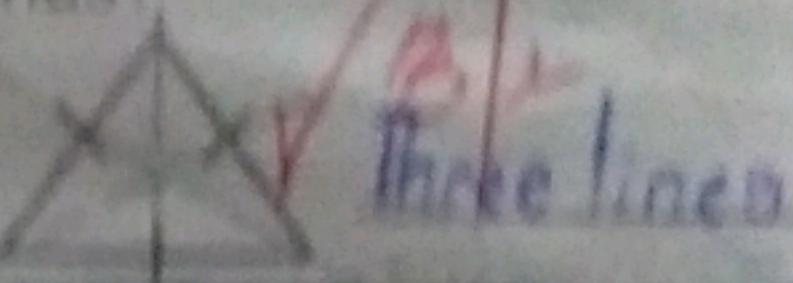
- 10.

What is the relationship between set P and set Q?



~~set P and Q are equivalent sets~~

How many lines of folding symmetry the figure below has?



~~Three lines~~

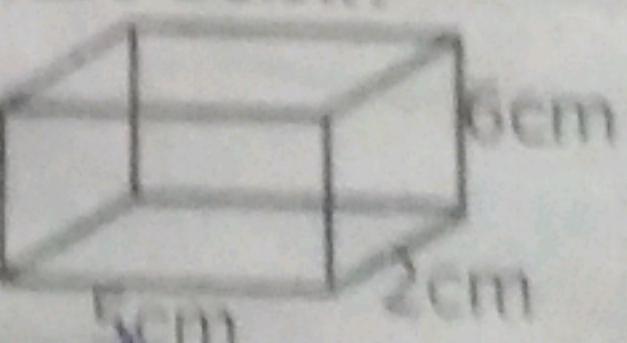
6. Juma bought a radio at Sh. 50,000 and later sold it to Orio making a profit of Sh. 5,000. Work out the selling price of a radio.

$$SP = BP + P$$

$$SP = 50,000 + 5,000$$

$$SP = 55,000$$

7. Work out the volume of the cube below.



$$Vol = L \times W \times H$$

$$Vol = (3 \times 2 \times 6) \text{ cm}^3$$

$$Vol = 36 \text{ cm}^3$$

8. In a tin, there are 12 pencils, how many pencils are in 4 tins?

$$1 \text{ tin} \rightarrow 12 \text{ pencils}$$

$$4 \text{ tins} \rightarrow 4 \times 12$$

$$= 48 \text{ pencils}$$

THE JEROX END OF TERM II EXAMINATION 2024

Primary Five Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

| | | |
|--------|-------------------------|-----------|
| NAME | Ssempijjo Imran | SIGNATURE |
| SCHOOL | Oceanfields Preparatory | DISTRICT |
| STREAM | Emmer | Mukono |

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

- 1 The paper is made up of two sections A and B
- 2 Section A has 20 questions (40 marks) and Section B has 12 questions (60 marks)
- 3 Answer all questions in both sections A and B
- 4 All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.
Only diagrams should be drawn in pencil.
- 5 Unnecessary crossing will lead to loss of marks
- 6 Poor handwriting, which cannot be easily read may lead to loss of marks

FOR EXAMINER'S USE ONLY

| SECTION | SCORES | REMARKS |
|---------|--------|---------|
| A | 39 | |
| B | 58 | |
| TOTAL | 97% | |

Teacher's comment to the pupil

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