



**SECTION – A [30 marks]**

**Answer ALL Questions**

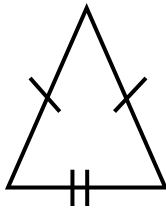
**Question 1:**

**Direction:** For each question, there are **FOUR** responses: **A, B, C and D**. Choose the corresponding alphabet of your response and **CIRCLE** it neatly. **NO** score will be awarded if you circle more than one.

i. The product of 50 and 70 is:

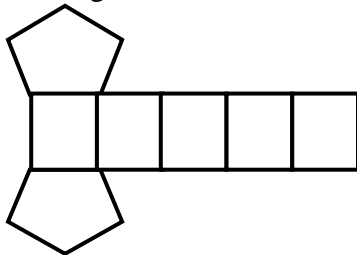
- A. 3500
- B. 1200
- C. 5300
- D. 1500

ii. Identify the triangle



- A. Equilateral triangle
- B. Scalene triangle
- C. Isosceles triangle
- D. Scalene triangle

iii. The following is a net for:



- A. Hexagon based prism.
- B. Pentagon based pyramid.
- C. Pentagon based prism.
- D. Hexagon based pyramid.

iv. What is the volume of the given structure?



- A. 5 cubes
- B. 7 cubes
- C. 6 cubes
- D. 8 cubes

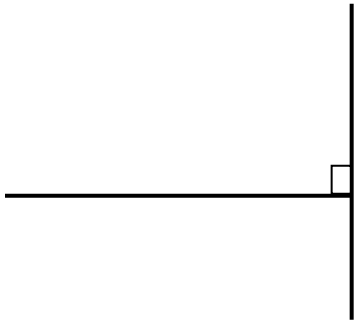
v. The product of  $1623 \times 0.1$  is

- A. 1.623
- B. 16.23
- C. 1623
- D. 162.3

vi. The sum of 4.396 and 12.422 is

- A. 16.818
- B. 9.211
- C. 14.296
- D. 8.026

vii. Which of the following describes a pair of line segments?



- A. Perpendicular at two end points.
- B. Perpendicular at the centre point
- C. Intersecting but not perpendicular.
- D. Perpendicular at an end point.

viii. “One million, two hundred thirteen thousand, fourth seven” can be written as

- A. 1,213,047
- B. 1,213,47
- C. 1,200,130,047
- D. 1,213,0047

ix. Which number is in ten thousands place in 1,420,397?

- A. 2
- B. 0
- C. 4
- D. 9

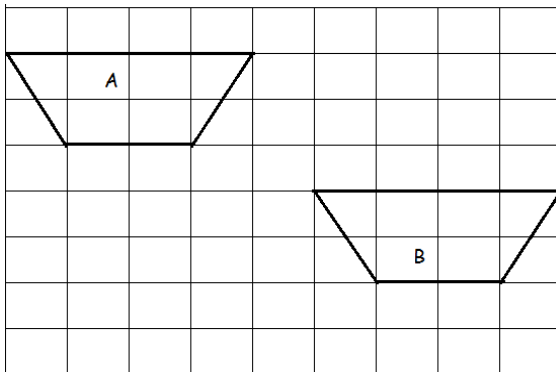
x. The mean for the given set data of 1, 3, 5, 8, 13 is

- A. 5
- B. 6
- C. 7
- D. 8

xi. If the event always happens, the probability is

- A. 0
- B. less than  $\frac{1}{2}$
- C. 1
- D. more than  $\frac{1}{2}$

xii. Which of the translation rules would move shape B to shape A?



- A. 5 units right, 2 units down
- B. 5 units left, 3 units down
- C. 6 units right, 2 units up
- D. 5 units left, 3 units up

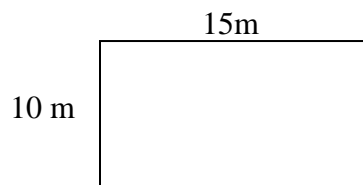
xiii. An angle greater than  $90^\circ$  but less than  $180^\circ$

- A. acute angle
- B. right angle
- C. obtuse angle
- D. straight angle

xiv.  $515\text{m} = \underline{\hspace{2cm}}$  km.

- A. 0.515 km
- B. 5.15 km
- C. 51.5 km
- D. 515.0 km

xv. The area of the shape given below is



- A.  $200\text{ m}^2$ .
- B.  $150\text{ m}^2$ .
- C.  $25\text{ m}^2$ .
- D.  $5\text{ m}^2$ .

**SECTION – B [30 marks]**  
**ANSWER ALL THE QUESTIONS**

**Question 2:**

**a. Find the quotient.**

**(3 marks)**

i)  $6342 \div 6$

ii)  $4640 \div 5$

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**b. Calculate the product using any method.**

**(3 marks)**

i)  $43 \times 22$

ii)  $2,343 \times 3$

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c. Karma walks 3.2 km each day. How far does he walk in 7 days?

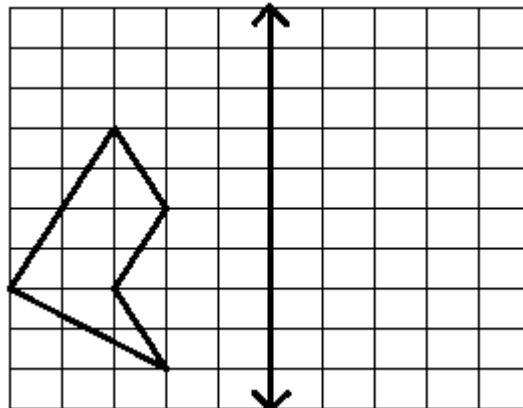
(2 marks)

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**Question 3:**

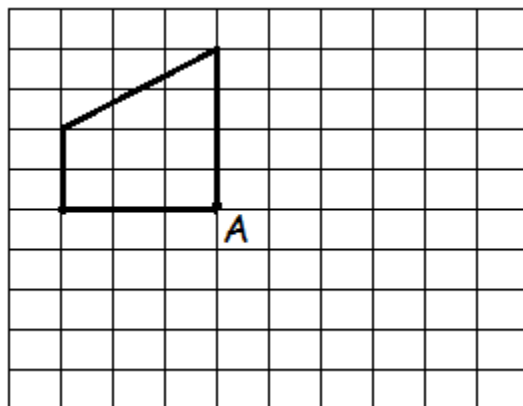
a. Reflect the shape.

(2 marks)



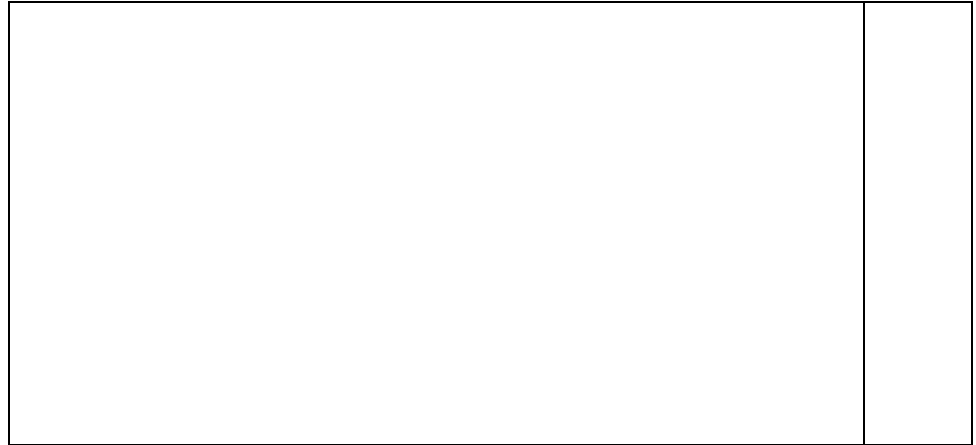
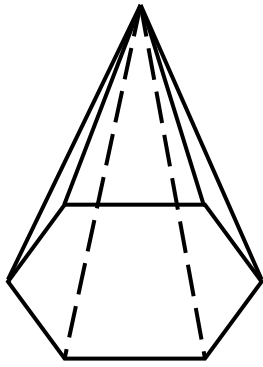
b. Rotate the shape  $\frac{3}{4}$  turns CCW around A.

(2 marks)



c. Draw a net for the 3-D shape given below.

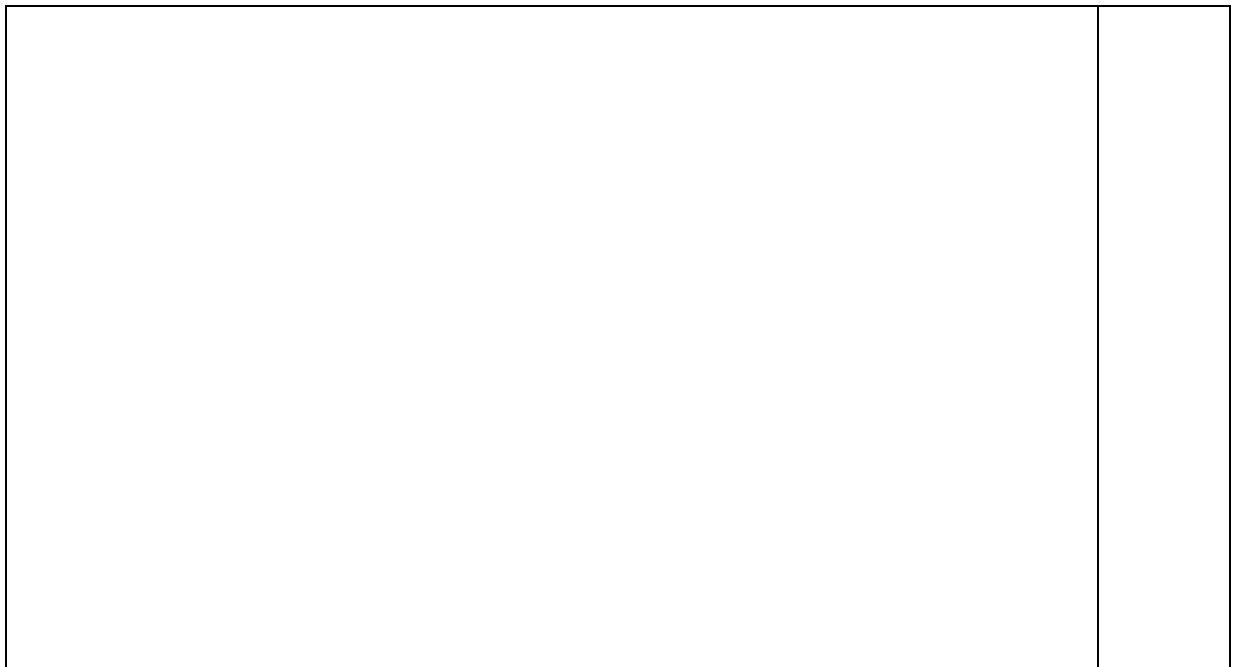
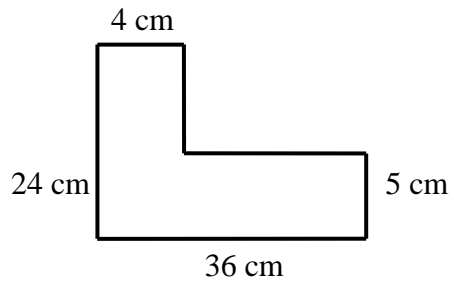
(1 mark)



**Question 4:**

a. Calculate the area and perimeter for the given shape.

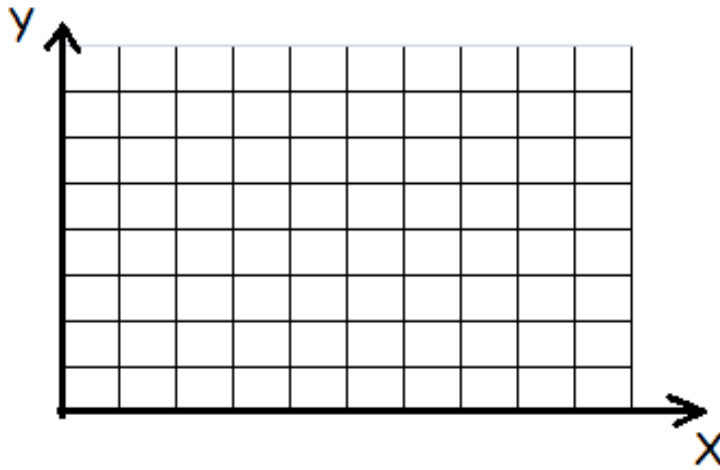
(4 marks)





b. Plot the given points on the same grid. Label each point with an ordered pairs. (2 marks)

A (30, 12)    B (20, 0)    C (0, 6)    D (40, 15)



c. Write each as a decimal millions. (3 marks)

i)  $300,000 =$  \_\_\_\_\_

ii)  $70,000 =$  \_\_\_\_\_

iii)  $2,500,000 =$  \_\_\_\_\_

**Question 5:**

a. Draw a shape that has a perimeter of 8cm. (1 mark)

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**b.** Complete it.

**(2 marks)**

i.  $87 \text{ cm} = \dots\dots\dots \text{ m}$

ii.  $131 \text{ g} = \dots\dots\dots \text{ kg}$

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**Question 6:**

**a.** A rectangle is 4.123 m long and 2.657 m wide.

**(2 marks)**

i. What is the perimeter?

ii. How much longer is the length than the width?

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b. Create a double bar graph using the information given below. Label your graph and tell two things about the graph. (3 marks)

Number of students in each class

Class	Number of students	
	Boys	Girls
PP	12	10
I	6	8
II	14	4
III	8	12

