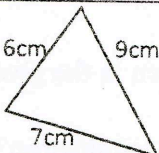
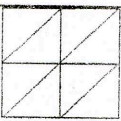


Name:

Part I

Answer all the questions within the space provided.

1. Write the next two terms of the below given triangular number pattern: 1, 3, 6, _____, _____	2. Give two units used to measure mass.												
3. Round off 47 to the nearest 10.	4. Fill in the blank: 15 minutes = _____ seconds												
5. Write in words: $7 > (-8)$	6. Write the date today in standard form.												
7. Give in meter: 23.07km	8. Simplify: $\frac{2}{5} + \frac{3}{7}$												
9. What is the place value represented by 2 in the number 82065?	10. Mala left for Colombo by the bus which left by 7.28p.m. Give this time in its standard form.												
11. Find the perimeter of the given figure. <div style="text-align: center; margin-top: 10px;">  </div>	12. Expand and evaluate: $2^3 \times 5^2$												
13. Give an equivalent ratio for 3:4.	14. Indicate the number 17 using tally marks.												
15. Write four multiples of four that occurs between 1 and 20.	16. Shade the fraction $\frac{3}{8}$ in the given diagram. <div style="text-align: right; margin-top: 10px;">  </div>												
17. How is the angle that is equivalent to the magnitude of two right angles called?	18. Simplify: $3582 - 787$												
19. Give one letter that lies horizontally and one vertically for the letter D. <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td style="padding: 2px;">A</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">B</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">C</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">F</td> </tr> <tr> <td style="padding: 2px;">D</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">E</td> <td style="padding: 2px;">G</td> </tr> </tbody> </table>	A		B			C		F	D		E	G	20. Draw a straight line that is 7cm long using a ruler.
A		B											
	C		F										
D		E	G										

Part II

Answer the first question and any other four questions.

1. Based on the activity that you did in your classroom to measure liquids, answer the following questions:

- i. Write two instruments that you used to measure liquids.
- ii. Write two units that you used to measure liquids.
- iii. Write two scales that were marked in the instruments that you used.
- iv. Suppose that your teacher instructs you to prepare fruit juice for the guests that are to attend a function at your school. You are instructed to mix 1250ml of fruit juice with 1750ml of water.
 - a. Write the utensils that you may use to get the above mentioned measurements and how many times they should be used for that.
 - b. What is the total quantity of the juice?

v. Fill in the blanks:

a. $7\text{ l } 375\text{ ml} = \underline{\hspace{2cm}} \text{ ml}$

b. $13000\text{ ml} = \underline{\hspace{2cm}} \text{ l}$

vi. Simplify:

a. $\begin{array}{r} \text{l} \quad \text{ml} \\ 3 \quad 465 + \\ 2 \quad 236 \\ \hline \end{array}$

b. $\begin{array}{r} \text{l} \quad \text{ml} \\ 18 \quad 603 - \\ 9 \quad 250 \\ \hline \end{array}$

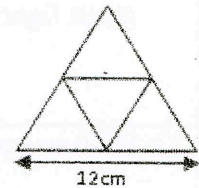
(2+2+2+2+2+1+1+2+2=16)

2. i. For each of the following plane figures, give one solid where you could observe the plane figure:
- a. right angle
 - b. square
 - c. triangle

ii. Write two properties of a square.

iii. A net diagram of a regular tetrahedron is shown in the given diagram.

- a. What is the shape of a face?
- b. What is the length of an edge of the given tetrahedron?
- c. For the compound solid made by combining two identical tetrahedrons like the one given above, find the number of vertices, edges and faces.



(3 + 2 + 1 + 2 + 3 = 11)

3. i. Write the number suitable for each cage in the following:

$16 = 2^{\square} = 4^{\square}$

ii. Expand and evaluate: $3^2 \times 2^2$

iii. Write the number suitable for each cage in the following:

a. $64 = 2^{\square}$

b. $64 = 4^{\square}$

c. $64 = 8^{\square}$

iv. Give 1024 as a:

a. power of 2

b. power of 4

(2 + +2 + 3 + 4 = 11)

4. The following table shows the data about the attendance of grade 6 students of a school over a week:

- i. Draw a pictogram to represent the data given above representing 8 students by one ☺.
- ii. Show the number of students that were present on Friday using tally marks.
- iii. What is the difference between the highest attendance and the lowest attendance?
- iv. What is the total attendance over the week?

Day	Attendance
Monday	28
Tuesday	44
Wednesday	40
Thursday	32
Friday	36

$$(5 + 2 + 2 + 2 = 11)$$

5.

i. Give an equivalent fraction for $\frac{2}{5}$.

ii. Simplify:

a. $\frac{3}{7} + \frac{2}{7}$

b. $\frac{1}{3} + \frac{4}{9}$

c. $0.73 + 0.21$

d. $15.08 - 3.84$

e. $\frac{7}{16} + \frac{1}{4}$

$$(1 + 2 + 2 + 2 + 2 + 2 = 11)$$

6.

i. Using the given numbers, answer the following questions:

836, 457, 950, 653, 895, 2031

- a. Which numbers are completely divisible by 2?
- b. Which numbers are completely divisible by 5?
- c. Which numbers are completely divisible by both 2 and 5?

ii. Fill in the blanks:

a. $1 \times \underline{\quad} = 12$

b. $2 \times \underline{\quad} = 12$

c. $3 \times \underline{\quad} = 12$

iii. Write all the factors of 12.

iv. Write all the factors of 16.

v. What are the common factors of 12 and 16?

$$(3 + 3 + 1 + 2 + 2 = 11)$$

7.

i.

- a. Which is the greatest number that could be written using each of the digits 8, 2, 3, 5 and 6 only once?
- b. Which is the smallest number that could be written using the same digits each only once?

ii. Give the number 5873650912,

- a. in standard form
- b. in words

iii. What is the difference between the values represented by the digits 8 and 6 in the number 3867?

$$(4 + 4 + 3 = 11)$$

2025

1ம் தவணை வகுப்புகள்

தரம் 6 முதல் 11 வரையான
மாணவர்களிற்கான தமிழ் மற்றும் ஆங்கில
மொழிமூல வகுப்புக்கள் ஆரம்பமாகவுள்ளன.

ஆரம்பம் 01.01.2025



இலங்கையின் எப்பாகத்திலிருந்தும்
Zoom app மூலம் எமது வகுப்புகளில்
இணைந்து கொள்ள முடியும்.

அனைத்துப் பாடங்களும் ஒரே கல்வி நிறுவனத்தின் கீழ்...



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