ITL PUBLIC SCHOOL
Pre Periodic Test-2 (2025-26) – <mark>Answer Key</mark>
MATHEMATICS

DATE: **CLASS: V Sec:___**
NAME: **Roll No.**

	SECTION – A

1	**Multiple choice questions (choose the correct answer)**
	
	 a) How many sides does an icosahedron have?
	    i) 12 ii) 18 <mark>iii) 20</mark> iv) 18
	
	 b) Which of these is the longest distance?
	    i) 450 cm ii) 45 m iii) 4500 mm iv) <mark>4 km</mark>
	
	 c) 1 tonne = _____ quintals
	    i) 1 <mark>ii) 10</mark> iii) 50 iv) 100
	
	 d) A cloth piece measured 6 m 90 cm. Out of this, 2 m 55 cm was used. How much cloth remains?
	
	    <mark>i) 4 m 35cm</mark> ii) 4m 25 cm iii) 3 m 45 cm iv) 3m 55 cm

2	Case based Question The school kitchen cooks rice for students. They use: • 4 kg 250 g of rice • 1 kg 500 g of vegetables • 750 g of spices and ingredients Answer the following: a) What is the total weight of the mixture? (in kg)

<mark>Kg   g</mark>

	Kg	g
<mark>Weight of rice</mark>	= 4	250
<mark>Weight of vegetables</mark>	= 1	500
<mark>Weight of spices and ingredients</mark>	= +	750
<mark>Total weight of cooked rice</mark>	= 6	500

b) Convert the total weight into grams.

6 kg = 6000 g + 500 g = 6500 g

c) If each meal plate requires 50 g of the rice mixture, how many plates can be served?

Weight of rice mixture in each plate   = 50 g

No. of plates that can be served   = 6500 ÷ 50 = 130

d) If each plate is sold for ₹20, how much money will be collected after selling all plates?

Cost of 1 plate   = ₹20

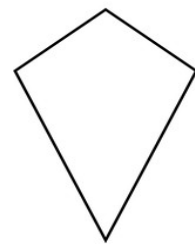Cost of 130 plates   = ₹20 x 130

                                          = ₹ 2600

SECTION-B

3   a) Draw a kite. How many sides and angles does it have? Write its one property

It has four sides and 4 angles. Its two pair of adjacent sides equal

b) Draw a line segment of 8 c*m* 5 *mm*

SECTION – C

4   a) Convert (show steps of conversion)

   i) 8000 *mg* to g   ii) 9 *L* 56 *ml* to *ml*

   = 8000 ÷ 1000 = 8 g   = 9L = 9000 + 56 = 9056 *ml*

b) Arjun buys new items for school:

   • Scale (ruler): **30 cm**

   • Ribbon: **2 m**

   • Small eraser: **45 mm**

   • Notebook length: **28 cm**

Answer the following:

   1. Convert **2 m** to centimetres.   Ans 200 cm

   2. Convert **45 mm** into centimetres.   Ans . 45 ÷ 10 = 4cm5 mm

   3. Which item is the longest?   Ans. Scale of 2 m

   4. What is the combined length of the scale and notebook (in cm)?

   Length of scale = 30 cm

   Length of notebook = 28cm

	Total length **= 58 cm**	
5	a) Draw a square and rectangle. Write a difference between them.	

==Square- All the sides of a square are equal==   ==Rectangle- Only opposite sides are equal==

b) Name them:

    i)   A shape that has 4 equal sides and all right angles → ==Square==

    ii) A shape with one pair of parallel sides → ==Trapezium==

    iii) A shape with no sides and no corners → ==Circle==

    iv) A shape that has 6 sides and 6 angles → ==Hexagon==