



CH-9 SHAPES AND FIGURES

ASSIGNMENT NO. 1

SUBJECT: MATHEMATICS **CLASS-V** _____ **JANUARY,2026**

NAME: _____ **DATE:** _____

Q1 MENTAL MATHS

- a) An angle measuring _____ is called a straight angle.
- b) $\angle PQR = 223^\circ$ is a / an _____ angle.
- c) _____ are closed figures formed by three or more line segments.
- d) _____ rays are at least required to form an angle.
- e) _____ straight lines can be drawn passing through two distinct points.
- f) The diameter of a circle is 16cm, then the radius of a circle is _____.

ASSERTION AND REASONING BASED QUESTION

DIRECTION: In the question number 2 and 3, a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.

Q2 Assertion (A): The sum of two right angles is 180° .

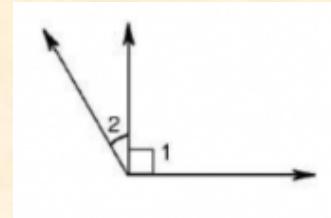
Reason (R): The measure of right angle is greater than 0° and less than 90° .

Q3 Assertion (A) A square is a type of rectangle.

Reason (R): A rectangle has all sides equal and all angles right angles, while a square has four equal sides and right angles.

Q4 In the given figure:

- a) Classify $\angle 1$.
- b) Classify $\angle 2$.
- c) What type of angle will you get if you add both $\angle 1$ and $\angle 2$?

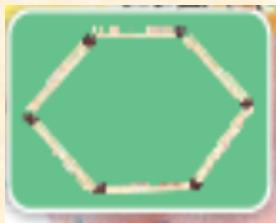


Q5 a) Find the radius of a circle whose diameter is 23cm.

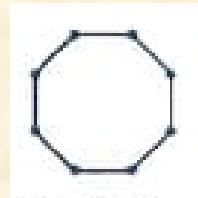
- b) Find the circumference of a circle whose diameter is 15 cm.
- c) Find the circumference of a circle whose radius is 8 mm.

CASE STUDY BASED QUESTION

Q6 Rohini and Mohini are playing with the matchsticks. They decided to make the shapes with matchsticks. Rohini made shape A and Mohini made shape B.



SHAPE A



SHAPE B

On the basis of given information answer the following questions:

- Is it a closed shape or open shape?
- How many sides are there in Shape A and Shape B?
- Name the polygons made by Rohini and Mohini.





CH-10 MEASUREMENT AND TEMPERATURE

ASSIGNMENT NO. 2

SUBJECT: MATHEMATICS **CLASS-V** _____ **JANUARY,2026**

NAME: _____ **DATE:** _____

Q1 MENTAL MATHS

- a) Convert: $250 \text{ cm} = \text{_____ m}$.
- b) Add: $3 \text{ m } 50 \text{ cm} + 2 \text{ m } 70 \text{ cm} = \text{_____ m } \text{_____ cm}$.
- c) Compare: $1000 \text{ g } \text{_____ } 1 \text{ kg}$.
- d) $56,750 \text{ ml} = \text{_____ } \ell \text{ _____ ml}$.
- e) Which is the heavier: 1 kg of cotton or 1 kg of pebbles? _____.
- f) $3245 \text{ m} = \text{_____ km } \text{_____ m}$.
- g) $42 \text{ km } 150 \text{ m} = \text{_____ m}$.
- h) $22 \ell + 305 \text{ ml} = \text{_____ ml}$ or $\text{_____ } \ell$.

ASSERTION AND REASONING BASED QUESTION

DIRECTION: In the question number 2 and 3, a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.

Q2 Assertion (A): The amount of water a jug can hold is called its capacity.

Reason(R): Capacity is the measure of the maximum amount of liquid a container can hold, typically measured in liters or milliliters.

Q3 Assertion (A): 1 kilogram = 1000 grams.

Reason (R): Gram is a larger unit than kilogram.

Q4 Shiva drinks 250 ml of milk every day. How many litres of milk does he drink in a week?

Q5 Subtract 3 cm 7 mm from 11 cm 5 mm.

Q6 Meera's math book weighs 0.550 kg, pencil box weighs 0.250 kg, and her lunch box weighs 0.275 kg. What is the total weight of all these items?

CASE STUDY BASED QUESTION

Q7 Its festival time and Raghu's mother is making 5kg of ladoos.

She gives Raghu the shopping list as follows:

Item	Quantity
Gram Flour	2kg
Sugar	3kg
Kishmish	200g
Kaaju	150g
Badam	100g



On the basis of given information answer the following questions:

- What is the total weight of dry fruits bought by Raghu?
- Arrange the items in the list in the order of their weights, from lightest to heaviest.
- If Raghu's mother had to make 10kg of ladoos, what would be the quantity of Gram flour and sugar?
