



SHREE VASISHTHA VIDHYALAYA

Maths Worksheet 2024-25



Name : - _____

Std.:- V - _____

Roll No. :- _____

Worksheet No. PA-2 (2)

Date : - _____

Chapter. - 10 : Basics of Geometry

Q-1) Choose the correct option.

- Every line segment has _____ endpoints.
a) 3 ☒ b) 2 ☐ c) 1 ☐
- A ray is a straight path that has one starting point and goes on endlessly in the other direction.
☒ a) ray ☐ b) line ☐ c) line segment
- An angle whose measure lies between 180° and 360° is called _____ angle.
a) acute ☐ b) obtuse ☐ ☒ c) reflex
- We can name an angle in _____ ways.
☒ a) 3 ☐ b) 2 ☐ c) 1
- Two lines that never intersect are called _____.
a) perpendicular lines ☒ b) parallel lines. ☐ c) intersecting lines
- An obtuse angle is _____.
a) less than 90° ☐ b) exactly 90° ☐ ☒ c) greater than 90° but less than 180°

Q-2) Fill in the blanks.

- A part of a line is called a line segment.
- The two rays are called the arms of the angle.
- When two intersecting lines meet to form right angles they are called perpendicular lines.
- The instrument for measuring angles is called protractor.

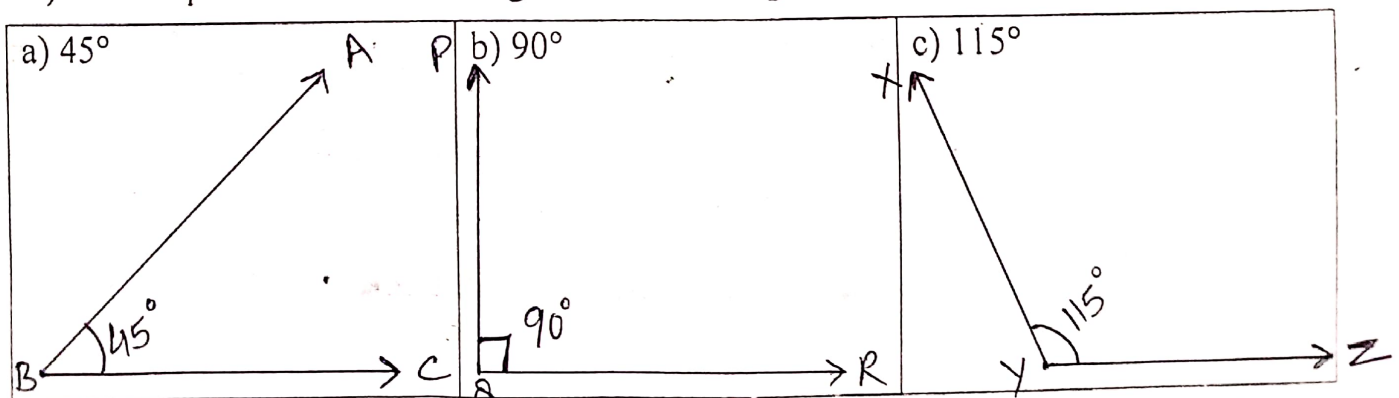
Q-3) True or False :

- The tip of your pencil is an example of point .
- An exact location in space is called a point .
- One complete turn is 1 right angle.
- The length of a line cannot be measured .

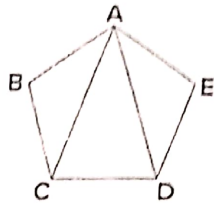
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Q-4) Do as directed.

- Use the protractor to draw angle with following measures :



2) Count and name the line segments in the figure shown in this question.



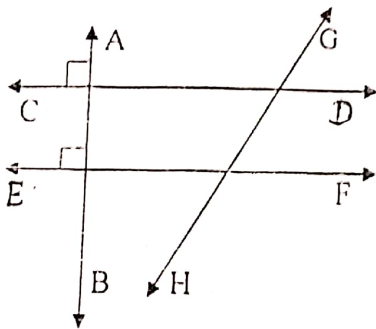
No. of line segments - 7

Name of segments - AB, BC, CD, DE, EA, AC, AD

3) What kind of angle is shown in each clock?

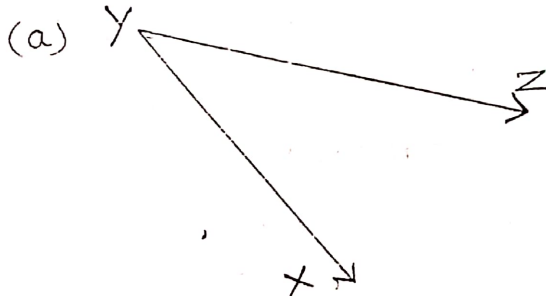
1)	2)	3)	4)
<u>Right angle</u>	<u>Acute angle</u>	<u>Straight angle</u>	<u>Obtuse angle</u>

4) Write the pairs of perpendicular and parallel lines in the following figure.

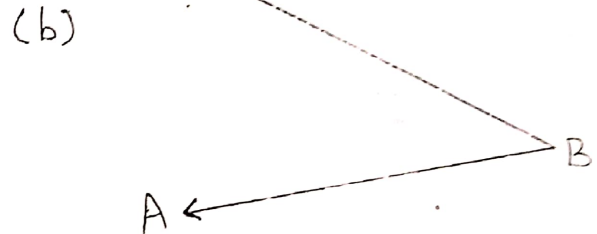


Parallel lines	Perpendicular lines
<u>EF CD</u>	<u>EF ⊥ AB</u>
	<u>CD ⊥ AB</u>

5) Name the arms and vertex of each angle.

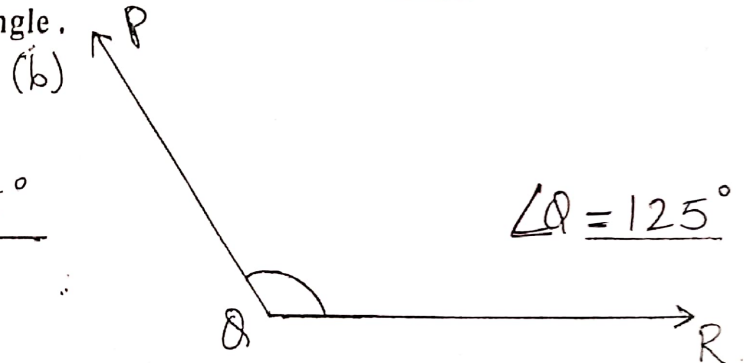
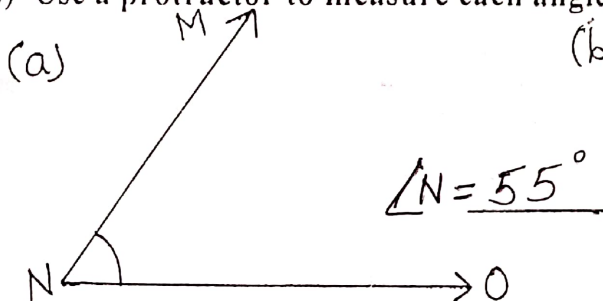


a) Arms YX and YZ
Vertex Y



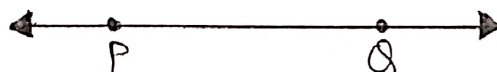
b) Arms BA and BC
Vertex B

6) Use a protractor to measure each angle.



7) Draw and label the following figures.

i. Line PQ :



ii. Ray AB :

