



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF MATHEMATICS (2023-2024)

TOPIC: GEOMETRY

WORKSHEET-2

RESOURCE PERSON: Ms. Poonam Joshi

NAME: _____ CLASS: V SEC: _____ DATE: _____

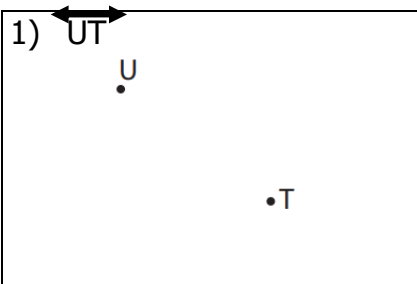
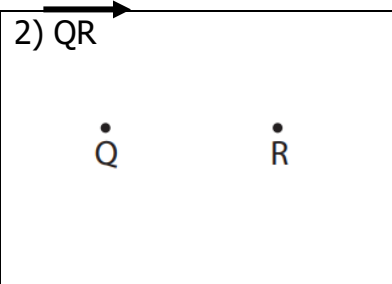
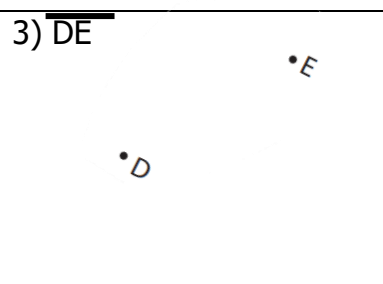
Read the instructions and do as directed.

I. Choose the correct word from the help box to complete the statements given below.

90°	Degree	Line	Acute	Ray	Obtuse	180°	Point	two
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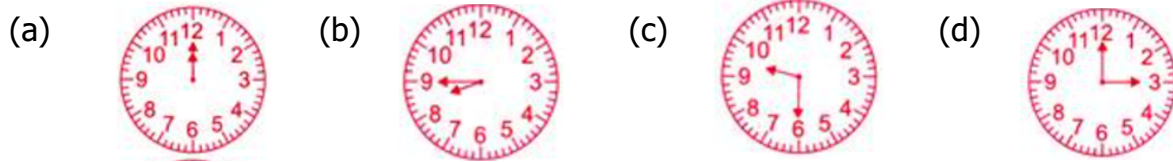
- 1) An angle which measures more than 0° but less than 90° is called a/an _____ angle.
- 2) A _____ is a collection of points that goes endlessly in both directions.
- 3) A _____ shows a direction. It has one end point.
- 4) The standard unit for measuring an angle is _____, shown by the symbol $^\circ$.
- 5) An angle which measures more than right angle but less than straight angle is called a/an _____ angle.
- 6) One-fourth of a circle measures _____ degree.
- 7) There are _____ endpoints in a line segment.
- 8) A _____ is represented by a small dot and it shows an exact location in space.
- 9) The measure of a straight angle is _____.

II. Connect the points and draw a Line, Ray and Line Segment as indicated.

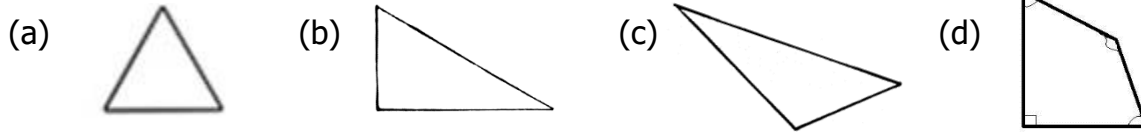
1) 	2) 	3) 
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III. Read the questions carefully and circle the correct answer.

1. In which of the pictures of the clocks given below do the minute hand and hour hand make a right angle?



2. Identify the shape which has 3 acute angles.

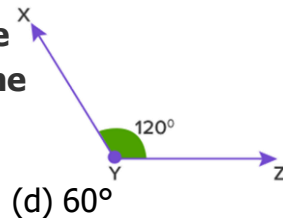


3. A seven-sided Polygon is known as a Heptagon. How many angles does a Heptagon have?

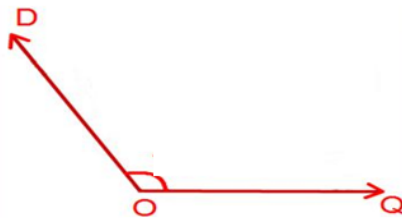
- (a) 5 angles (b) 6 angles (c) 7 angles (d) 4 angles

4. Meeta drew an angle as shown here. Priya drew an angle that was half the measure of Meeta's angle. What was the measure of Priya's angle?

- (a) 30° (b) 90° (c) 45°



IV. Observe the angle given below and answer the questions that follow.



a) Name the angle in two different ways.

Ans: _____

b) How much does the angle measure?

Ans: _____

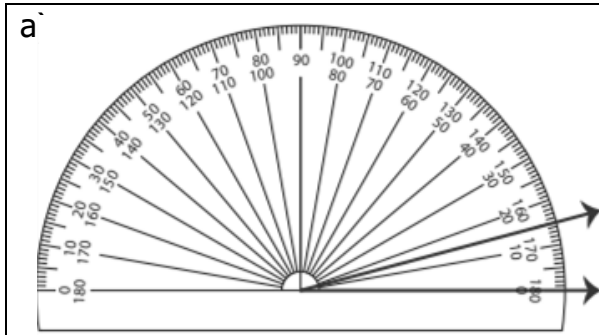
c) What type of angle is this?

Ans: _____

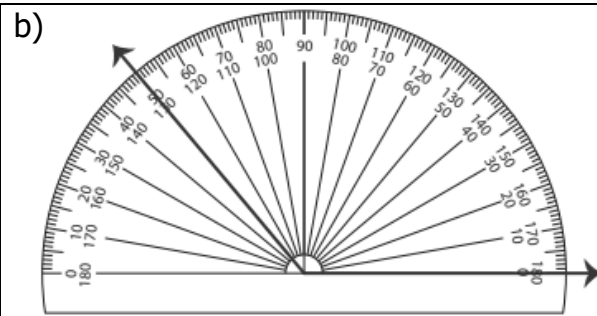
d) Name the arms and vertex of the angle.

Ans: _____

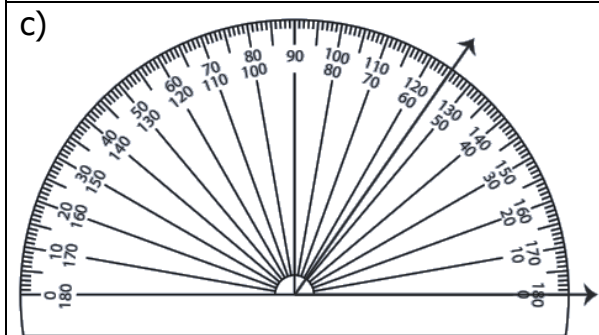
V. Observe the pictures of the angles given below. Give a name to the angle and write the measurement of each angle.



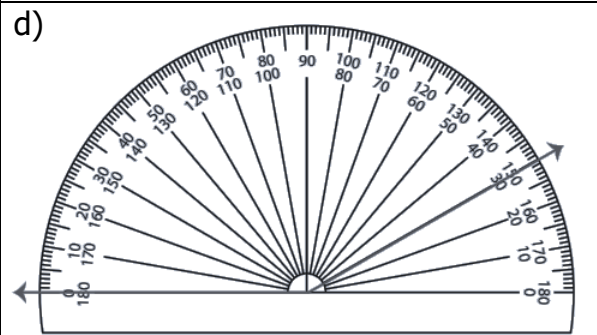
Measure: _____



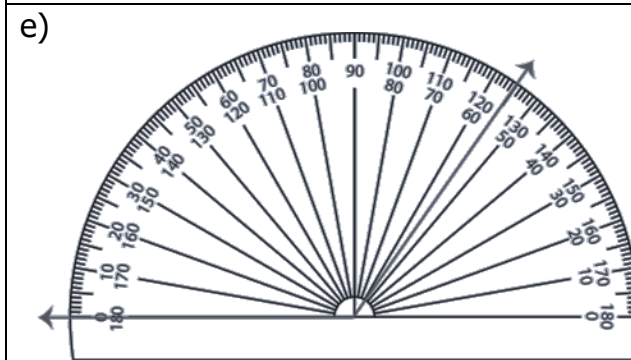
Measure: _____



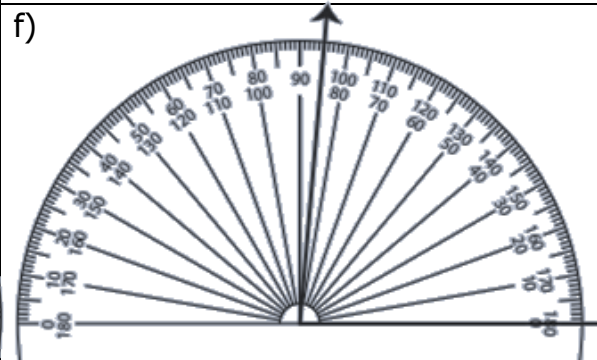
Measure: _____



Measure: _____



Measure: _____



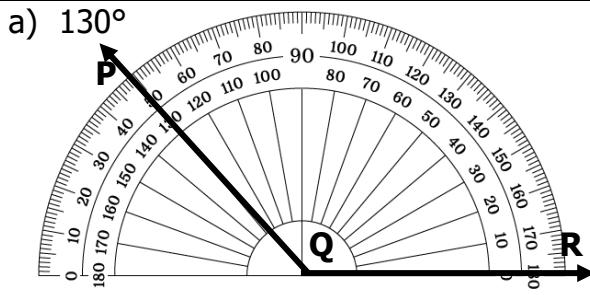
Measure: _____

VI. Identify the following angles as Acute, Obtuse, Right and Straight angles and write them in the appropriate column.

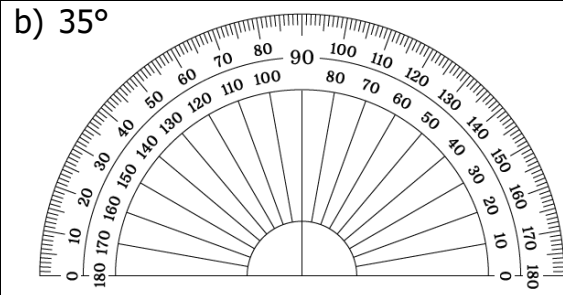
- i) 90° ii) 120° iii) 60° iv) 170° v) 145° vi) 30° vii) 180°

Acute Angle	Right Angle	Obtuse Angle	Straight Angle

VII. a) Draw angles with the following measurements. Give a name to the angle and write in the space provided. One has been done for you.



Name: $\angle PQR = 130^\circ$



Name: _____

b) Use a Protractor to draw the following angles.

c) $\angle XYZ = 90^\circ$

Name: _____

d) $\angle ABC = 180^\circ$

Name: _____

e) $\angle MNO = 140^\circ$

Name: _____

f) $\angle FGH = 70^\circ$

Name: _____

VIII. Observe the following angles and identify them as Acute, Obtuse, Right and Straight angles.

