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परमाणु ऊर्जाशिक्षण संस्था

Atomic Energy Education Society

Session 2023-24

Class/Sec: V / \_\_\_\_\_

Subject: MATHS

Date: \_\_\_\_\_

Name of the Student: \_\_\_\_\_ Roll no.: \_\_\_\_\_

Worksheet based on Chapter 2: Shapes and Angles





**I. Choose the correct answer and put a tick mark (✓) against it.**

(Type of question- MCQ)

1. The two hands of the clock form a right angle at \_\_\_\_\_ o' clock.

a. 6       b. 9       c. 12       d. 5

2. Which of the following has all angles less than  $90^\circ$ ?

a.        b.        c.        d. 

3. \_\_\_\_\_ is a closed shape with 3 sides and 3 angles.

a. Square       b. Rectangle       c. hexagon       d. triangle

4. The two hands of the clock form a straight angle at \_\_\_\_\_.

a. 3 o' clock       b. 6 o' clock       c. 9 o' clock       d. 12 o' clock

5. One – third of a straight angle = \_\_\_\_\_.

a.  $30^\circ$        b.  $60^\circ$        c.  $120^\circ$        d.  $150^\circ$

6. The two hands of the clock form an / a \_\_\_\_\_ angle at half past 4.

a. Acute

b. Obtuse

c. Right

d. Straight

7. Angles are measured by using a \_\_\_\_\_.

a. Scale

b. Protractor

c. Compass

d. Handspan

8.  The angle shown here is a/an \_\_\_\_\_ angle.

a. Acute

b. Obtuse

c. Right

d. Straight

9. \_\_\_\_\_ are the shapes which are strong and do not change easily when pressed.

a. Hexagon

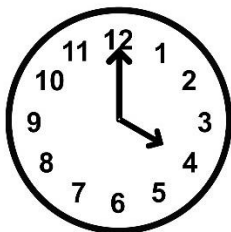
b. Pentagon

c. Squares

d. Triangles

## II. Do as directed. (Type of question -1 mark)

1. What kind of angle is made by hands of the clock shown below?



Kind of angle = \_\_\_\_\_

2. The angle whose measure lies between  $90^\circ$  to  $180^\circ$  is called an \_\_\_\_\_ angle.

3. Write the time when the hands of the clock make a right angle.

\_\_\_\_\_ , \_\_\_\_\_

4.  $\frac{2}{3}$  of a right angles = \_\_\_\_\_ degrees.

**III. Do as directed.(Type of question-2 marks)**

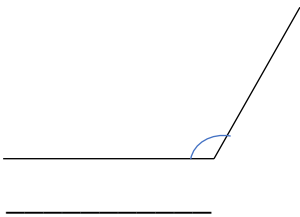
1. Draw angles of the following measures and name them.

i.  $60^\circ$

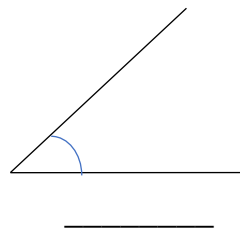
ii.  $125^\circ$

2. Find the measures of the following angles.

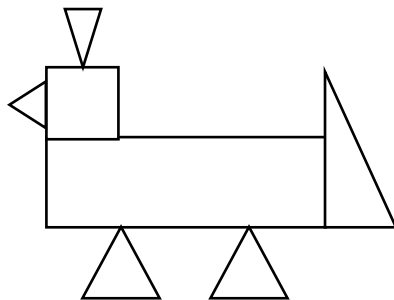
i)



ii)



3. Mark any four angles that are less than right angles in the figure given below.



**IV. Read the word given below and answer the following questions.**

**(Type of question -4 marks)**

**NEAT**

1. Number of angles less than right angle = \_\_\_\_\_.
2. Number of angles more than right angles = \_\_\_\_\_.
3. Number of right angles = \_\_\_\_\_.
4. Mark any two obtuse angles.