



**BK BIRLA CENTRE FOR EDUCATION**  
**SARALA BIRLA GROUP OF SCHOOLS**  
**SENIOR SECONDARY CO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL**  
**POST MID-TERM (2024-25)**  
**MATHEMATICS (041) QUESTION PAPER**



Class : VI  
Date : 08.01.2025  
Admission No.:

Duration: 1 Hrs.  
Max. Marks: 25  
Roll No.:

*General Instructions:*

- Questions 1 to 5 are 1 mark each.  
Questions 6 to 9 are of 2 marks each.  
Questions 10 and 13 are of 3 marks each.

**SECTION-A**

(5 × 1 = 5)

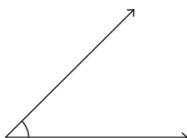
**Choose the correct answer.**

- 1) An angle whose measure is equal to half of a revolution is  
a) right angle    b) acute angle    c) straight angle    d) obtuse angle
- 2) Where will the hand of a clock stop if it starts at 12 and makes  $\frac{3}{4}$  of a revolution, clockwise?  
a) 6                      b) 3                      c) 9                      d) None of these
- 3) Which of the following is a complete angle?  
a)  $90^\circ$                       b)  $180^\circ$                       c)  $270^\circ$                       d)  $360^\circ$
- 4) What angle is formed when the minute hand moves from 12 to 3?  
a) Right angle    b) Acute angle    c) Straight angle    d) Obtuse angle
- 5) How many right angles makes a complete angle?  
a) 1                      b) 2                      c) 3                      d) 4

**SECTION- B**

(4 × 2 = 8)

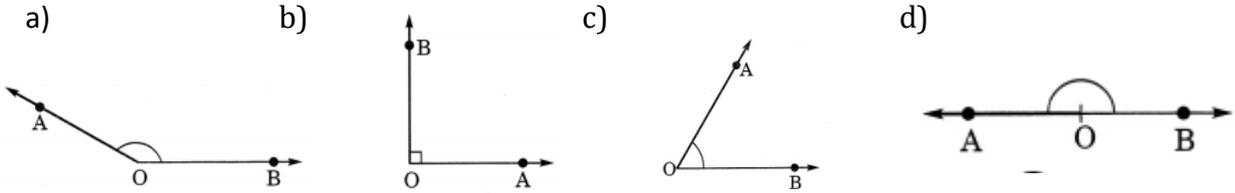
- 6) What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from?  
a) 3 to 9                      b) 4 to 7
- 7) Measure the angles given below using the Protractor and write down the measure.



b)



8) Classify each one of the following angles as right, straight, acute or obtuse:



9) How many right angles do you make if you start facing:

- (a) South and turn clockwise to east?
- (b) East and turn anti-clockwise to east?

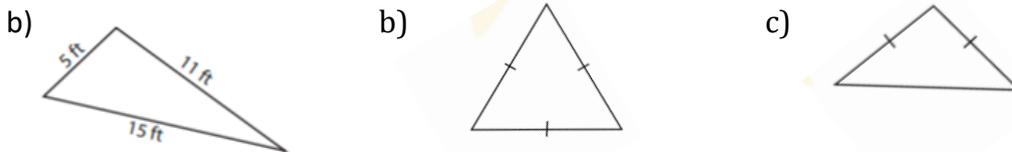
**SECTION- C**

(4 × 3 = 12)

10) Which direction will you face if you start facing: (Draw diagram also)

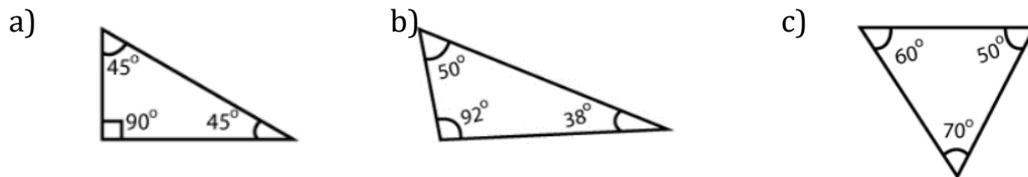
- (a) North and make  $\frac{3}{4}$  of a revolution anti-clockwise?
- (b) West and make  $1\frac{1}{2}$  of a revolution clockwise?

11) What are the types of the following triangles on the basis of sides?

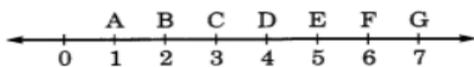


**OR**

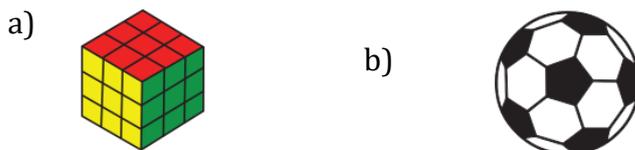
What are the types of the following triangles on the basis of angles?



12) Verify, whether D is the midpoint of AG.



13) Write the name of solid shape. Also, find the number of faces and vertices.



(\*\*\*\*\* end of paper \*\*\*\*\*)