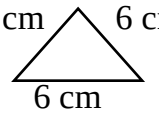
**SNBP International & Senior Secondary School, Chikhali, Pune**
**Affiliation No. 1130703**
**Academic session 2024-25**
**WORKSHEET-05**

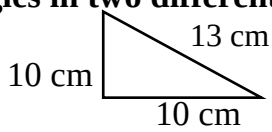
**Name: _____** **Date :**
**Class: 6 Div: _____** **Subject: Math**
**Prepared By: Ms. Snehal Devake** **Ch 5 – Understanding Elementary Shapes**

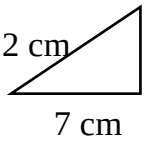
**Q.1) Choose the correct option.**

1. An angle whose measure is equal to one-fourth of a revolution is:
   (a) acute angle (b) obtuse angle (c) right angle (d) straight angle
2. An angle whose measure is equal to half of a revolution is:
   (a) acute angle (b) obtuse angle (c) right angle (d) straight angle
3. An angle whose measure is equal to a full revolution is:
   (a) complete angle (b) obtuse angle (c) right angle (d) straight angle
4. What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 12 to 3?
   (a) $\frac{1}{2}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$ (d) none of these
5. What fraction of a clockwise revolution does the hour hand of a clock turn through, when it goes from 3 to 6?
   (a) $\frac{1}{2}$ (b) $\frac{3}{4}$ (c) $\frac{1}{4}$ (d) none of these
6. Which direction will you face if you start facing east and make $\frac{3}{4}$ of a revolution clockwise?
   (a) east (b) west (c) north (d) south
7. Which direction will you face if you start facing east and make $1\frac{1}{2}$ of a revolution clockwise?
   (a) east (b) west (c) north (d) south
8. Name the type of triangle: PQR such that PQ = QR = PR = 5 cm.
   (a) Scalene triangle (b) Isosceles triangle (c) Right triangle (d) Equilateral triangle
9. Name the type of triangle: PQR such that PQ = QR = 5 cm and PR = 7 cm.
   (a) Scalene triangle (b) Isosceles triangle (c) Right triangle (d) Equilateral triangle
10. Name the type of triangle: PQR such that PQ = 4 cm , QR = 5 cm and PR = 7 cm.
    (a) Scalene triangle (b) Isosceles triangle (c) Right triangle (d) Equilateral triangle

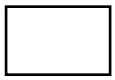
**Q.2) Name each of the following triangles in two different ways.**

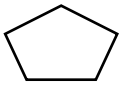
a) 

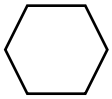

b) 


c) 


**Q.3) Name each polygon.**

a) 

b) 

c) 

d) 

**Q.4) How many right angles do you make if you start facing.**

a) South and turn clockwise to West? b) North and turn anti-clockwise to East?

**Q.5) Where will the hand of a clock stop if it.**

a) Starts at 3 and makes ½ of a revolution, clockwise?
b) Starts at 7 and makes ¾ of a revolution, clockwise?

**Q.6) Find the number of right angles turned through by the hour hand of a clock when it goes from.** a) 11 to 2 b) 6 to 12 c) 3 to 12

**SUBJECT TEACHER** **HOD** **CO-ORDINATOR** **PRINCIPAL**