

**Class 6**

**Mathematics**

**Book - Mathematics Textbook for Class 6 by NCERT**

**Chapter 5 – Understanding Elementary Shapes**

**Assignment**

**Note: Do the following questions in the Practice Notebook.**

**Q1. Choose the correct option:**

1)



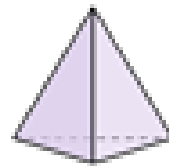
- A. Triangular Pyramid
- B. Cone
- C. Rectangular Prism
- D. Cylinder

2)



- A. Cone
- B. Rectangular Prism
- C. Triangular Pyramid
- D. Rectangular Pyramid

3)



- A. Triangular Prism
- B. Cone
- C. Triangular Pyramid
- D. Sphere

Q2. What fraction of a clock wise revolution does the hour hand of a clock turn through when it goes from

(a) 3 to 6

(b) 4 to 7

Q3. Which direction will you face if you start facing east and make  $1\frac{1}{2}$  of a revolution clockwise?

Q4. How many right angles do you make if you start facing north and turn clockwise to west?

Q5. Name the solid objects for each of the 3D shapes:

a) cone

b) sphere

c) cylinder

Q6. How many degrees are there in between the clock hands when it displays 5'O clock?

Q7. Write the number of faces, edges and vertices of:

a) cube

b) square pyramid

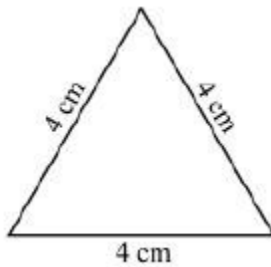
c) triangular prism

Q8. State true or false:

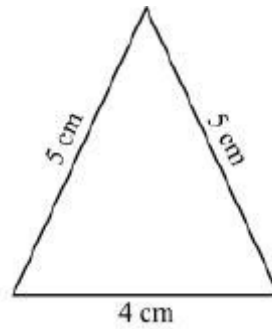
- a) Parallelogram has both the diagonals are equal.
- b) The diagonals of a rectangle are perpendicular to each other.
- c) The diagonals of a rhombus are equal.
- d) A square is also a parallelogram.

Q9. Identify the type of triangle:

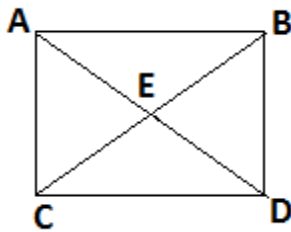
a)



b)



Q10. In Fig.



- a) name any four angles that appear to be acute angles.
- b) name any two angles that appear to be obtuse angles.