

INTERNATIONAL INDIAN SCHOOL, RIYADH.

MATHEMATICS WORKSHEET- (2017 - 2018) / Class: VI

CHAPTER 14 – PRACTICAL GEOMETRY

1. Draw a circle of radius 2.8 cm.
2. Write the same center, draw two circles of radius 3 cm and 8 cm respectively. Mark points A, B, and C such that
 - a) A is on the smaller circle
 - b) B is on the exterior of the smaller circle and in the interior of the larger circle.
 - c) C is on the exterior of both the smaller and larger circles.
3. With PQ of length 5.3 cm as the diameter, draw a circle.
4. Draw a circle with Centre O and radius 3.2 cm. Draw any chord AB. Construct the perpendicular bisector of AB and examine if it passes through O. Join OA and OB. Write the measures of OA and OB.
5. Draw any circle and mark points x, y and z such that x is on the circle, y in the interior of the circle and 'z' is in the exterior of the circle.
6. Draw any line segment PQ , construct AB without measuring PQ, such that the length of AB is twice that of PQ.
7. Draw a line segment of length 12 cm. Using compasses divide it into four equal parts verify by actual measurement.
8. Draw an angle of measure 150° and divide it into four equal parts.
9. Construct with ruler and compasses, angles of following measures.
 - a) 60°
 - b) 30°
 - c) 90°
 - d) 120°
 - e) 45°
10. Draw any acute angle and make a copy of it using a ruler and compasses.
11. Draw an angle of measure 50 and make a copy of its supplementary angle.