

Circles

Worksheet-1

Q1. Fill in the blanks

1. The line segment joining any two points of the circle is called the _____ of the circle.
2. A piece of a circle between two points is called an _____.
3. The length of the complete circle is called its _____.
4. The region between a chord and either of its arcs is called a _____ of the circular region.
5. The longest chord of a circle is its _____.
6. An arc is a _____ when its ends are the ends of a diameter.
7. A circle together with its interior is called the _____.
8. A circle divides a plane, on which it lies in _____ parts.
9. A sector of a circle is the region enclosed by _____.
10. The radius of a circle whose diameter is 7.4cm is _____.

Q2. Write True or False. Give reasons for your answers

1. Line segment joining any two points on a circle is its radius.
2. Diameter of a circle is double of its radius.
3. A sector is a region between the chord and its corresponding arc.
4. A chord always divides a circular region into a minor segment and a major segment.
5. AB and CD are two equal chords of circle with centre O. Then $\angle AOB = \angle COD$.
6. If the angles subtended by the chords of a circle at the centre are equal , then the chords are equal.
