1. Fill in the gaps from these words

**Chord, minor arc, major arc, subtend, minor sector, major sector, minor segment, major segment**

a) If two radii are drawn to different points on the circumference of a circle they divide the circle into a _________ and a _________.

b) A line joining one point on the circumference of the circle to another is called a _________.

c) An arc will _________ an angle at the circumference.

d) A chord, that is not a diameter, drawn on a circle divides the circle into a _________ and a _________.

2. Find the value of the variable in each of the following

3. Find the length of AB

4. AB is perpendicular to DC. Find the value of x and y and give reasons.

5. Find the value of a, x, y and z.

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(4)