

Parts of a circle *key words*

ANSWERS

A Fill in the missing words from the word bank.

Word bank

Two words are not needed.

arc

centre

chord

circumference

diagonal

diameter

radius

sector

segment

semicircle

tangent

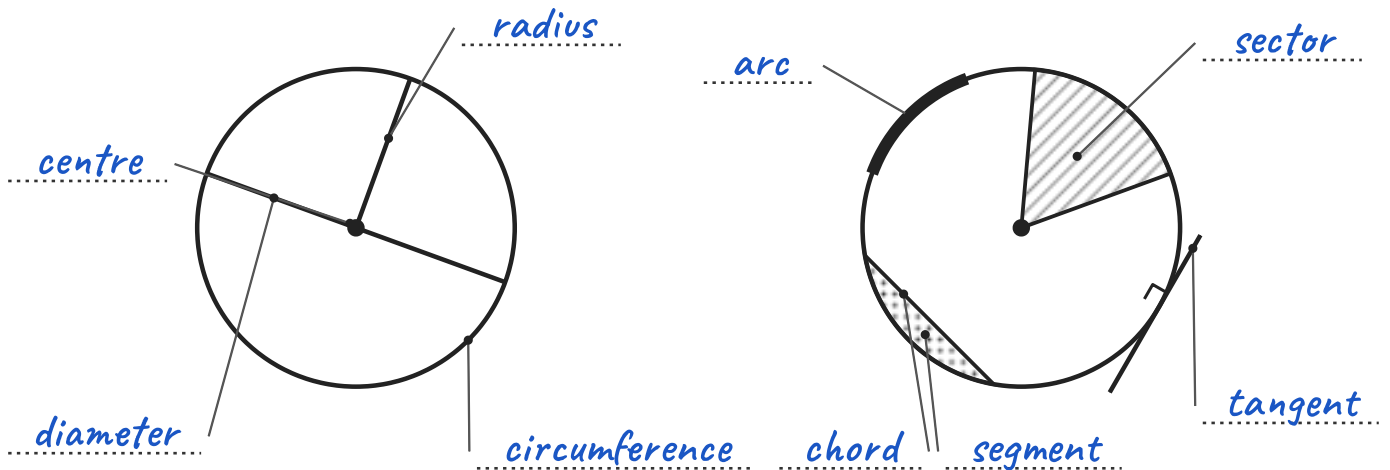
vertex

Every point on a circle is the same distance from its centre, and that distance is the radius. The diameter goes straight across the circle through the centre, so it is twice as long as the radius. Half a circle is a semicircle.

The distance all the way round a circle is its circumference, and part of the circumference is an arc. A chord is a straight line joining two points on the circle. A tangent is a straight line that touches the circle at just one point.

A sector is the region between two radii and an arc. A segment is the region between a chord and an arc.

B Label the diagram. No word bank this time. Each label gives the first letter.



C Each sentence uses the wrong key word. Cross it out and write the right word.

1 The radius goes all the way across a circle through its centre.

diameter

2 A straight line that touches a circle at just one point is a chord.

tangent

3 The region between a chord and an arc is a sector.

segment

4 The distance all the way round a circle is its diameter.

circumference