# Parts of a Circle

It's really important that you learn the different parts of a circle as it will help you to understand exam questions, especially those where you are asked to calculate the area and circumference of a circle.
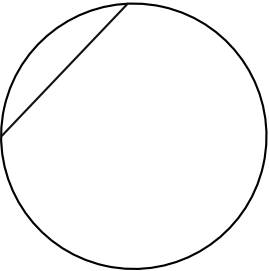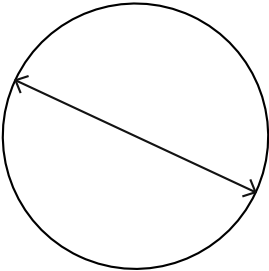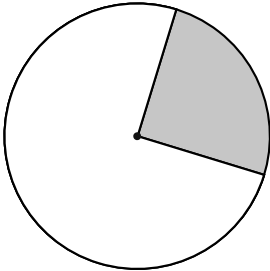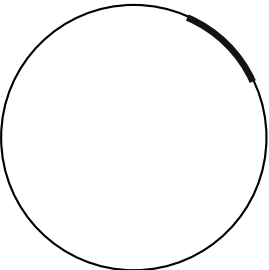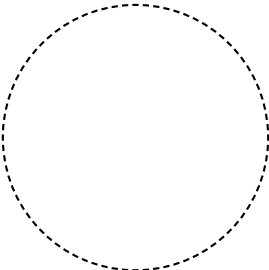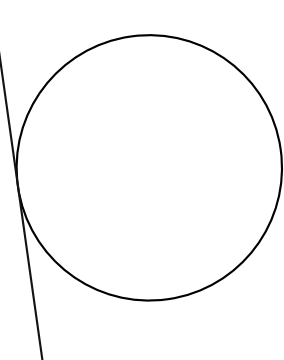
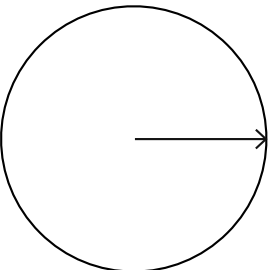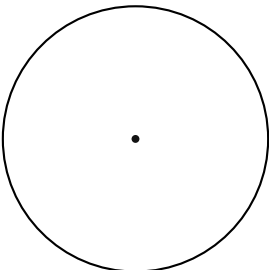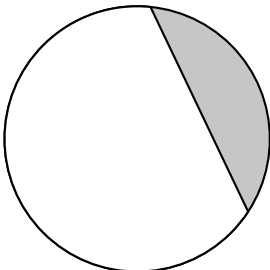| Parts of a Circle	Definition
Arc	A part of the circumference of the circle.
Chord	A straight line that joins two points on the circumference of a circle.
Circumference	The distance around the outside of the circle.
Diameter	A line that crosses a circle, passing through the centre.
Radius	A line from the centre of the circle to a point on the circumference.
Sector	A part of a circle formed by two radii and an arc.
Segment	A part of a circle formed by a chord and an arc.
Tangent	A line that touches the circumference at one point only. It meets the radius at a right angle.
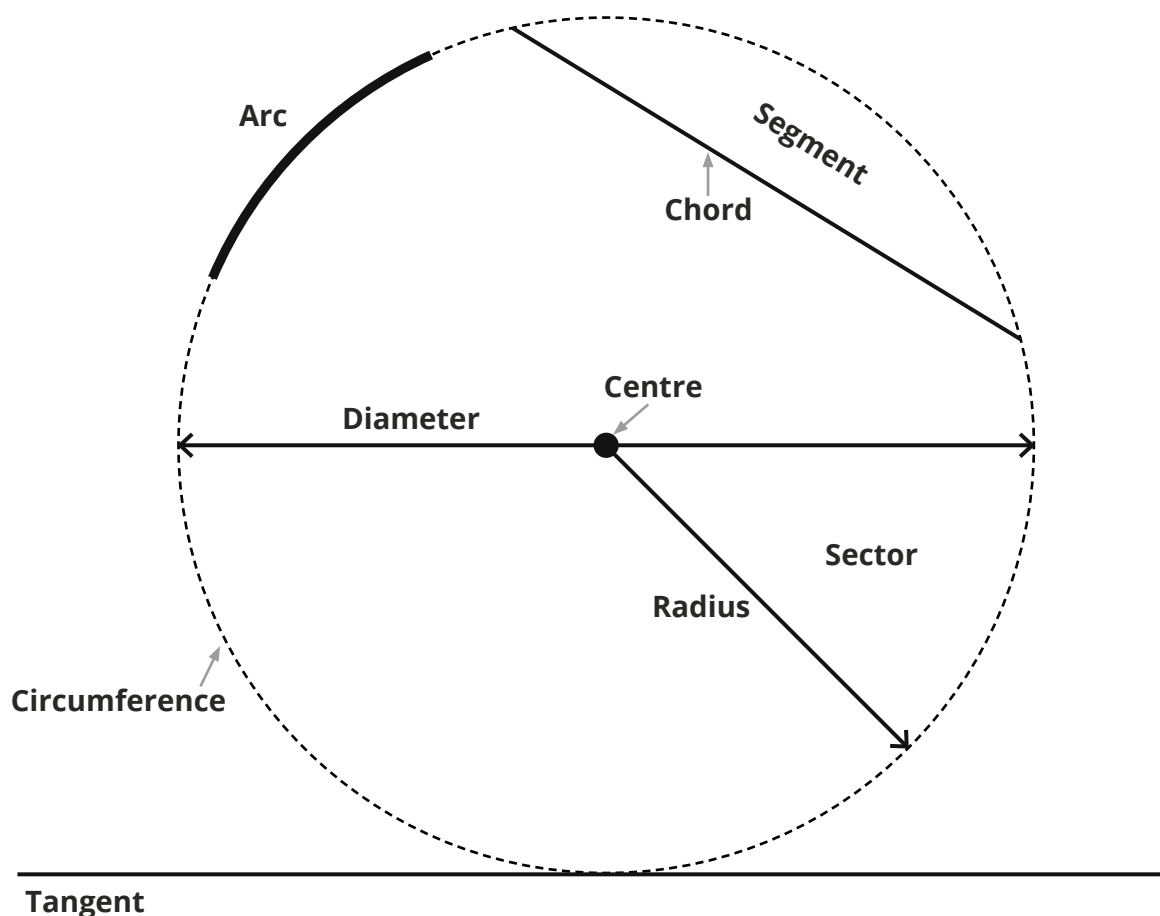
Your Turn

Match the term to its corresponding diagram.

Radius	Diameter	Centre
Arc	Tangent	Circumference
Sector	Chord	Segment