

Introduction to Circles

Starter

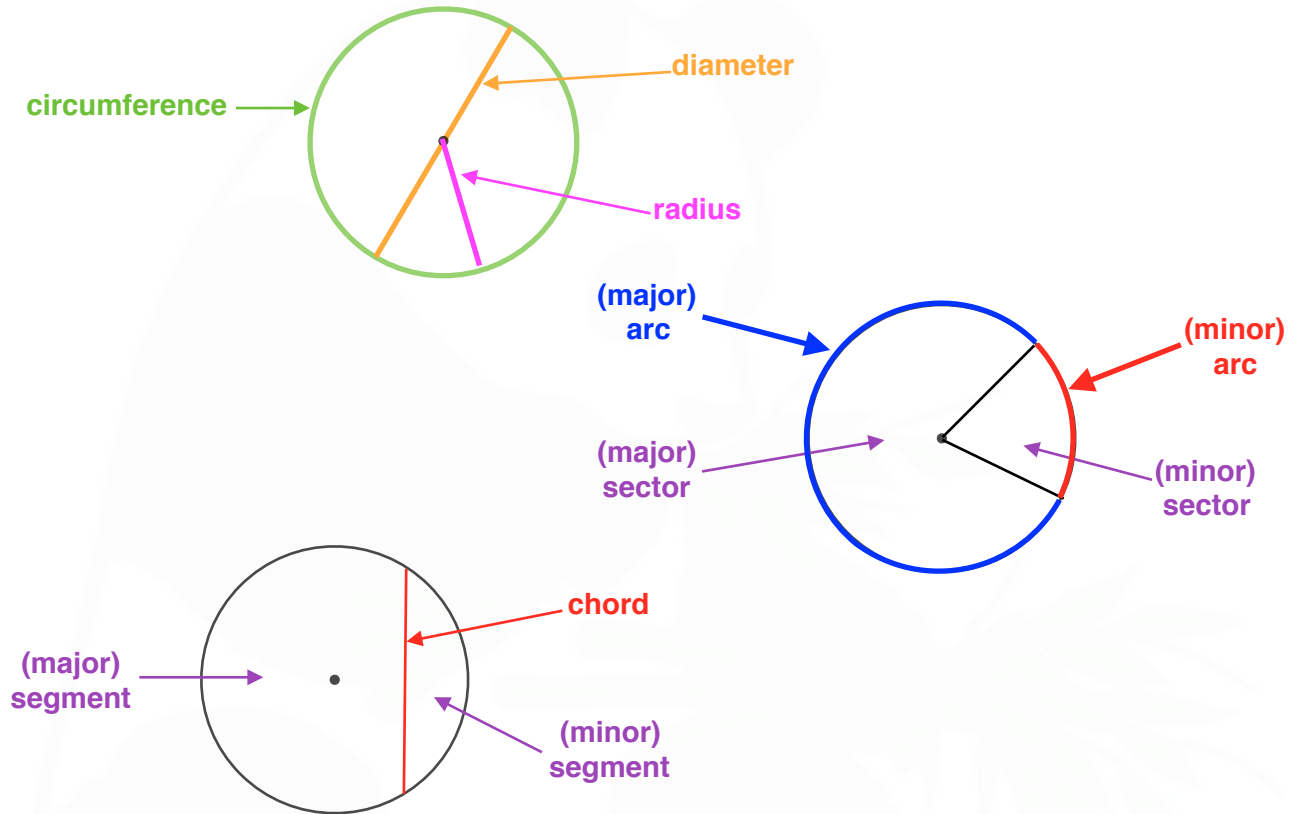
1. (Review of last lesson)

Find the equation of the line passing through the points $(-2, 4)$ and $(3, -21)$.

Notes

The perimeter of a circle is called the *circumference*.

Copy these diagrams.



Video: [Parts of the circle](#)

[Solutions to Starter and E.g.s](#)

Exercise

- p71 Ex 16.1 Qu 1-2, 4-6
- Find at least 3 circular objects at home (e.g. tin of soup, bicycle wheel). For each object:
 - using a ruler, measure its diameter.
 - using a piece of string, measure its circumference.
 - record your data in a table

Object	Diameter	Circumference

- Calculate the value $\frac{\text{circumference}}{\text{diameter}}$ for each of your objects. What do you notice?

[Textbook answers \(only available during a lockdown\)](#)