

Basic principles of technical graphics:

Mathematics - revision of the circle

You will have covered the circle in your mathematics class. Some of the **terms** you will use regarding a **circle** in this chapter are shown below.

A) Match the following concepts to their descriptions

B) Identify the characteristics of the circle

Circumference-	the full distance around a circle
Diameter-	the distance from one point on a circle through the center to another point on the circle ; the symbol ' $\varnothing$ ' is used to represent the diameter
Radius-	part of the circumference ; when you draw an arc, it means you have only drawn a section of the circle
Arc-	the distance from the center of the circle out to the circumference ; the symbol ' R ' is used to represent the radius

diameter *radius* *arc* *circumference*

