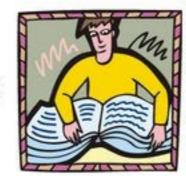# Discrete and Continuous Data

Discrete data can only take on certain individual values.

Continuous data can take on any value in a certain range.

Example 1

Number of pages in a book is a **discrete variable**.

Example 2

Length of a film is a **continuous variable**.

Example 3

Shoe size is a **Discrete variable**. E.g. $5, 5\frac{1}{2}, 6, 6\frac{1}{2}$ etc. <u>Not</u> in between.

Example 4

Temperature is a **continuous variable**.

Example 5

Number of people in a race is a **discrete variable**.

Example 6

Time taken to run a race is a **continuous variable**.