Source: [KBhPHYS201QuantumWorldBookNotesIndex]

1 | Large and Small

- · Scientific notation is required to deal with large and small quantities
 - · This is required in much of particle physics since particles tend to be very small and fast
- People also ten to create more fitting units for a specific application

1.0.1 | **Units**

Fentometers are used as a unit of measurement in the atomic world. They're $10^{15}m$. For speed we use fractions of the speed of light c $\sim 3*10^8 m/s$