

Momentum

$$p = mv$$

$$p = \text{momentum} = \frac{\text{kgm}}{\text{s}}$$

$$m = \text{mass} = \text{kg}$$

$$v = \text{velocity} = \text{m/s}$$

What is momentum:

How fast something is going and how heavy it is.

Once something is moving & has a lot of mass \rightarrow has a lot of momentum
 \hookrightarrow how hard it is to stop.

"Inertia in motion"