







Examples

Mass	Kilogrammes	kg
Time	Seconds	S
Speed	Kilometres per Hour	km/h
Distance	Kilometres	km
Temperature	Degrees Celsius	°C













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Direction: Definition

The line that someone/something is moving or pointing towards.

Examples		
Force	Newtons	N
Weight	Newtons	N
Velocity	Metres per Second	m/s
Momentum	Kilogram Metres per Second	kg m/s
Displacement	Tonnes	t



Question for Discussion

Why are both weight and force measured in Newtons?

















The result of multiple vectors. One vector that produces the same effect as multiple vectors collectively.





Question

- A person travels North for 3 kilometres.
- They then adjust their course and travel East for 3 kilometres.

What could they have done instead? E.g. What is the magnitude and direction of the resultant vector?

Sketch it. Calculate it.













