

# On speed, distance and time

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# Units

- Distance (or length)

mm      m      km      cm      mile      foot      inch      yard

- Area

m<sup>2</sup>      cm<sup>2</sup>      km<sup>2</sup>      acres      hectares

- Time

s      ms      day      month      year      week      min  
millenium      decade      century      hour

- Speed

mph      km/h      cm/min      mile per second  
mile per min      m/s      speed of light      knot

# Guessing speeds...

- Walking speed

2 mph	4 mph	4 mph	5 mph	3 mph
5 mph	4 mph	4 mph	4 mph	4 mph

- A cargo ship

150 mph	50 mph	50 knot
20 mph	8 knot	80 mph
16 knot	50 knot	80 knot

- A fast jet aeroplane

700 mph	200 mph	200 knot	600 mph
600 mph	100 km/h	100 mph	454 mph
			800 mph

- A snail's pace

0.3 mph	0.1 mph	1/2 mph	2 cm/min
0.25 mph	2 inch/h	1 mph	3 cm/min
			10 cm/h

- Average speed of a Chester–London train

200 mph	200 mph	85 mph	150 mph	250 mph
130 mph	80 mph	130 mph		260 mph

# Marking

Effort Grade			Achievement of task	
A	Excellent	this effort grade will rarely be given – to get this mark the work must demonstrate great effort and real clarity	+	Excellent understanding of the work
B	Good	will be given e.g. when a lot of effort has obviously been put into the work or when the work is very clearly set out	=	Good understanding of the work
C	Average	will be given for work which is of a satisfactory, acceptable standard; if you get less than C you must improve the standard at once!	–	Poor understanding of the work
D	Poor			
E	Very Poor			