

SPEED HOMEWORK

A frame of reference is any thing used to determine if an object is in motion or not.

$$\text{Speed} = \text{Distance} / \text{Time}$$

- 1) A mouse runs 1m in 2 sec., how far will it get in 10 seconds?
- 2) A cat runs 3m in 5 sec., how far does it get in 15 seconds?
- 3) A man walks 8m in 2 sec., how long does it take him to go 30 meters?
- 4) A horse runs 20m every 3 sec., how long does it take to run 1000 meters?
- 5) A lion runs 90cm in 5 sec., what is its speed?

- 6) How far will the mouse go in one hour?
- 7) How far will the cat get in 3 minutes?
- 8) How long will the man run if he runs 2 km?
- 9) How long does the horse run if he runs for 100 cm?
- 10) What is the speed of the lion in meters per minute?

