

Warm up:



Study Notes/Questions

Speed

By relating _____, we can determine speed, which is the _____ an object travels _____ divided by the _____.

E.g. a car travels 120 km in an interval of 2 hours

Often a moving object's speed changes _____ so we use an average.

The _____ of an object is the total distance the object travelled divided by the total time taken.

d_f and t_f refer to the final position
 d_i and t_i refer to the initial position (often starts 0)

Sample calculations

A person is walking on a trail. They pass the 2.0 km mark at 3:05 pm and the 4.0 km mark at 3:55 pm. What is their change in distance and change in time?

Speed

If a person walks 8.5 km in 2.2 hours, what is their average speed?

If a person walks an average speed of 4.3 km/h for 45 min, what is their total distance?

_____ is the speed of an object at a particular instant in time.

For example, _____.

For an object travelling at a _____,
the _____ speed is equal to its _____ speed.

Summary: (two to three sentences summarizing this section)

**Self-Reflection
Questions:**

1. Describe one thing that you knew about this topic before today.

2. Describe one thing you learned about this topic today.