

Hw
13/5/21

Ch-2

Motion

Home assignment

1) Uniform and non-uniform motion. Differentiate it

Uniform motion	Non-uniform motion
<p>i) If a moving body travels equal distances in equal intervals of time, its motion is said to be uniform.</p>	<p>i) If a moving body travels unequal distances in equal intervals of time, its motion is said to be non-uniform.</p>
<p>ii) The car was at rest at 9am. Then it started moving. At 10am the car was at 30km. At 11am, it was at 60km. At 12noon, it was at 90km.</p>	<p>ii) The car was at rest at 9am. Then it started moving slowly. It travelled 4 km at first hr, 8 km at second hr and 3 km at last hr.</p>
<p>iii) We can find that the distance travelled by car in the time taken to travel that distance. So, the motion is uniform motion.</p>	<p>iii) We can find that the car does not travel equal distances in equal intervals of time. So, the motion is non-uniform motion.</p>