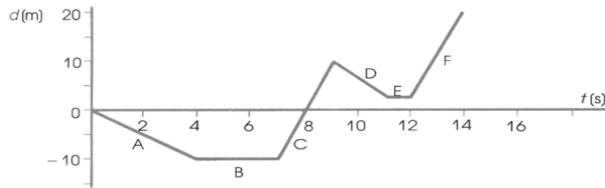


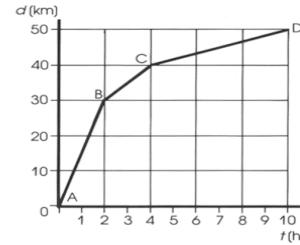
Motion Graphs Worksheet

1. Find the velocity in each section of the following position-time graph. (-2.5 m/s, 0, 10 m/s, -3.8 m/s, 0, 8.8 m/s)



2. Using the graph below, determine the average velocity for these intervals:

- a. AB (15 km/h)
- b. AD (5.0 km/h)
- c. BD (2.5 km/h)



3. Using the graph below, determine the average velocity for each of the following sections.

- a. $t = 0\text{ s}$ to $t = 2\text{ s}$ (10 m/s)
- b. $t = 6\text{ s}$ to $t = 12\text{ s}$ (-5.8 m/s)
- c. $t = 6\text{ s}$ to $t = 15.5\text{ s}$ (0)

