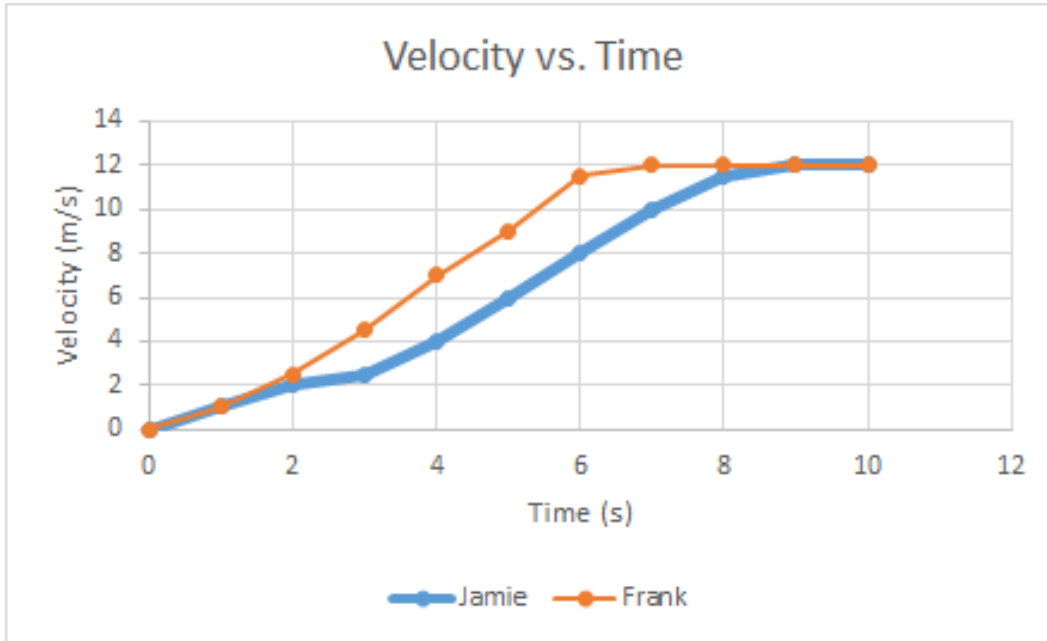


Describing Motion and Position Worksheet

Name: _____ Date: _____



1. How does velocity relate to acceleration? From 2-4 seconds, did Jamie or Frank accelerate faster? Explain why.

2. What does a horizontal line on each graph indicate about the motion?

Position vs. time _____

Velocity vs. time _____

Acceleration vs. time _____

Direction vs. time _____

3. John starts timing and documenting the speed of the car while his mother is driving. She is going 25 km/h for the first 10 seconds and then speeds up to 35 km/h in 5 seconds. She stays at 35 km/h for 5 seconds until she comes to a red light and stops in 10 seconds. Draw and label the velocity vs. time graph.

