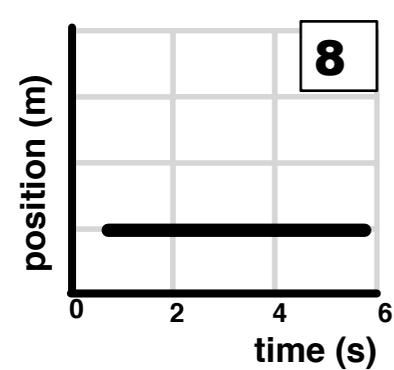
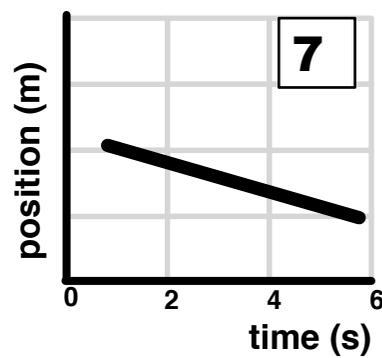
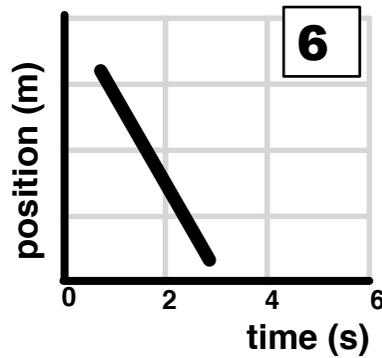
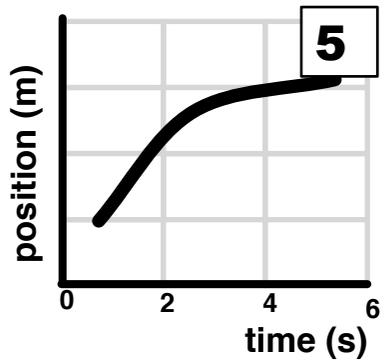
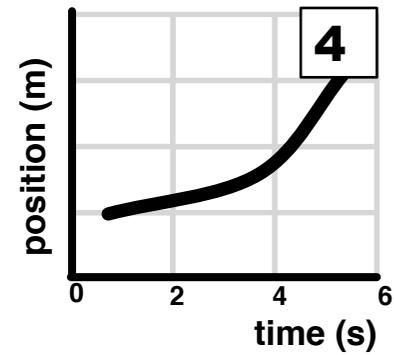
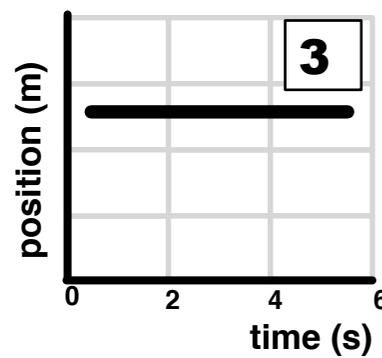
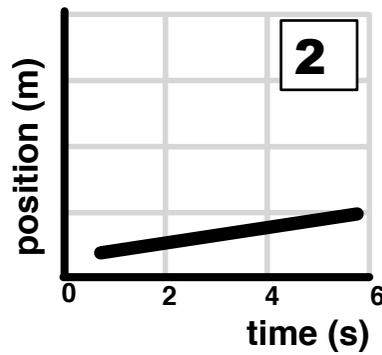
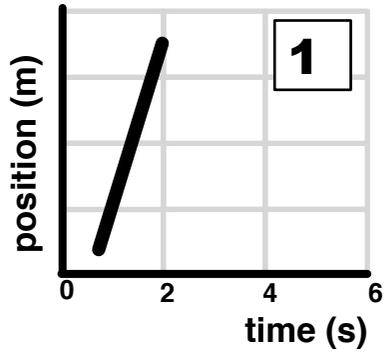


Motion Graphs - Matching

name: _____



1. Which graphs show constant velocity? _____ (and arguably _____ also)

2. Which graphs show constant velocity to the right? _____

3. Which graphs show constant velocity to the left? _____

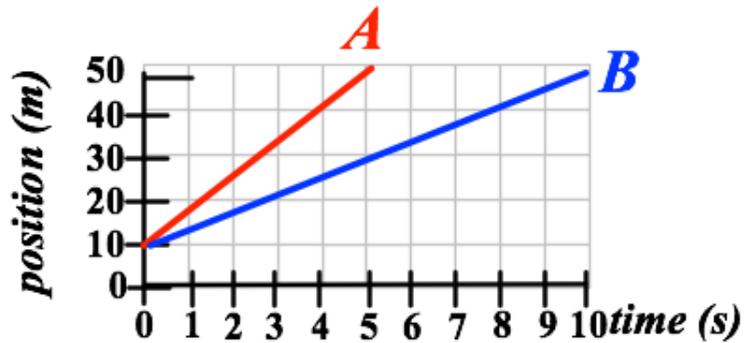
4. Which graphs show changing velocity? _____ which one is the slow down? _____

5. Which graphs show zero velocity? _____

6. Which graphs show fast constant velocity? _____

7. Which graphs show slow (but not zero) constant velocity? _____

A Day at the Races



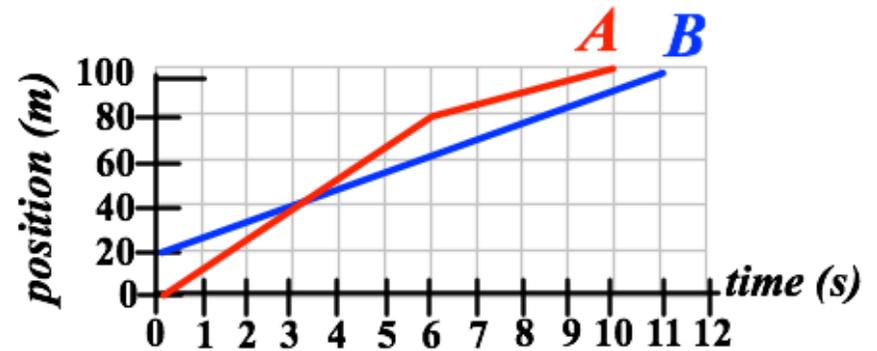
a) How far did they both run?

b) Who got to the 50 m mark first? What was their time?

c) Where was the other person when the winner crossed the 50 m mark?

d) Who was traveling faster?

e) Calculate A's average speed.



a) Assuming a start at 0, how many meters long was the race?

b) Who crossed the 100 m first? What was the winning time?

c) How did A's speed change after 6th second?

d) What was unfair about this race?

e) Calculate A's average speed.