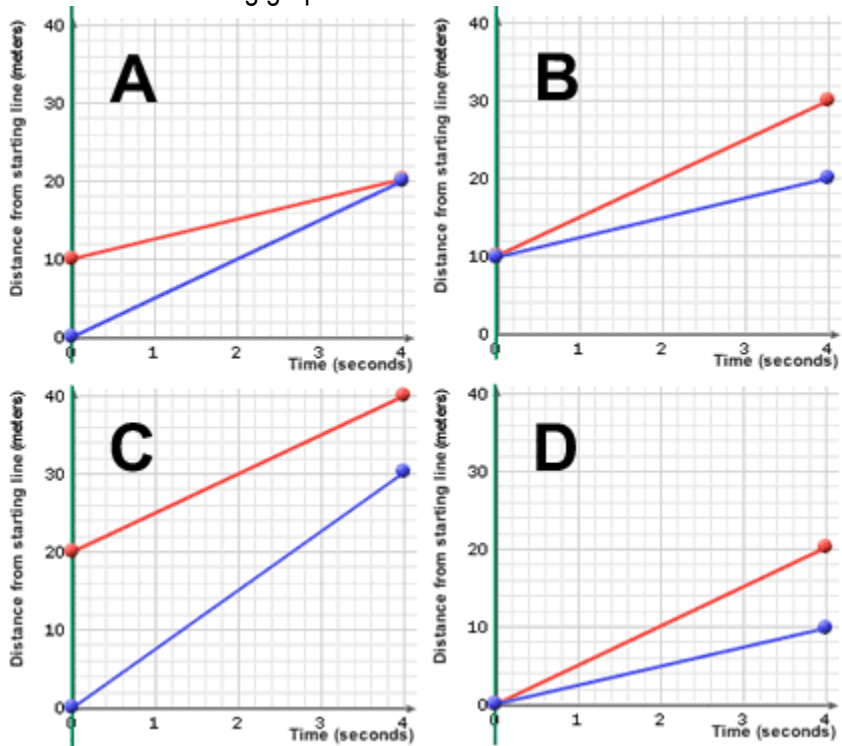
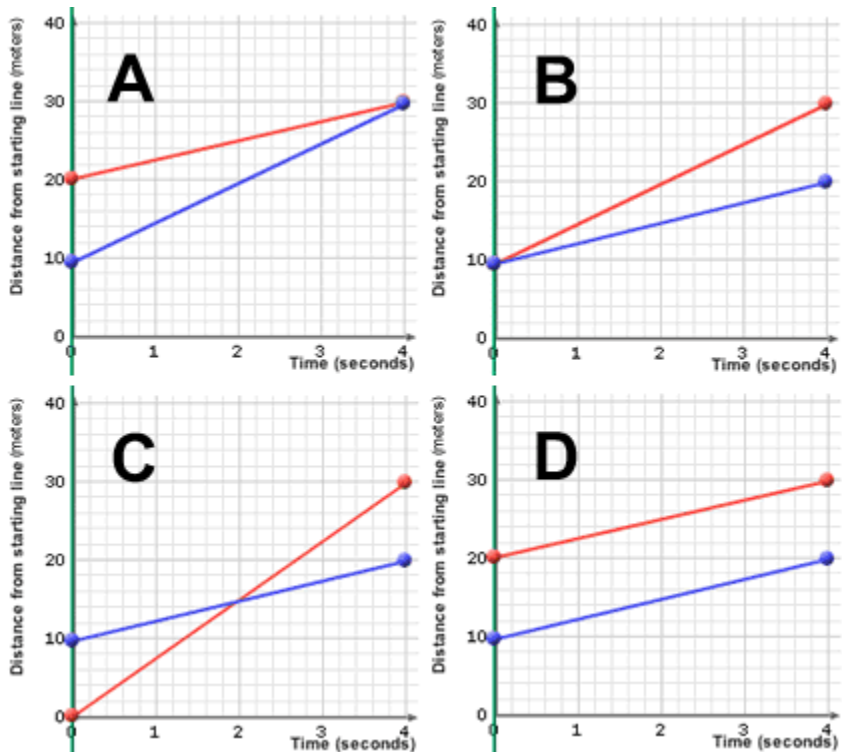


POSITION VS. TIME GIZMO ASSESSMENT QUESTIONS

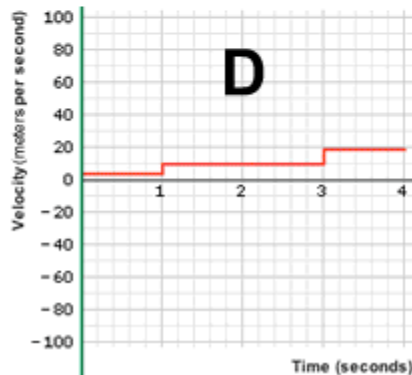
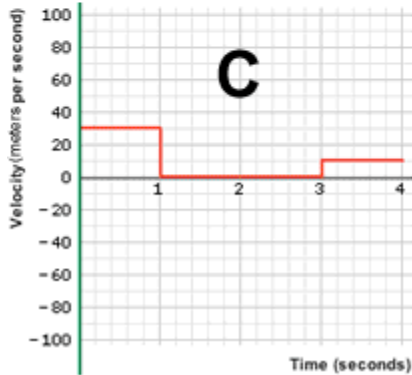
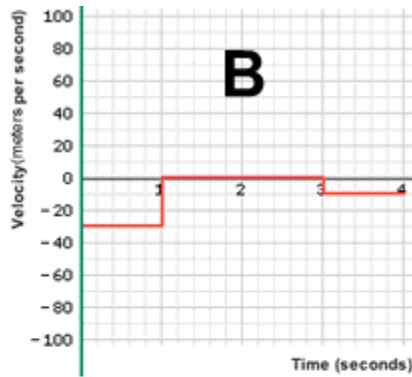
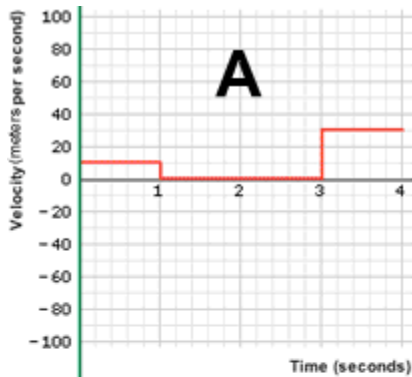
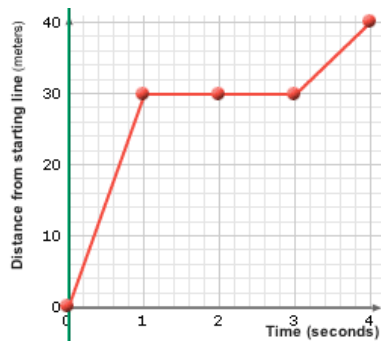
1. Which of the following graphs indicates that one of runners started 10 meters ahead of the other?



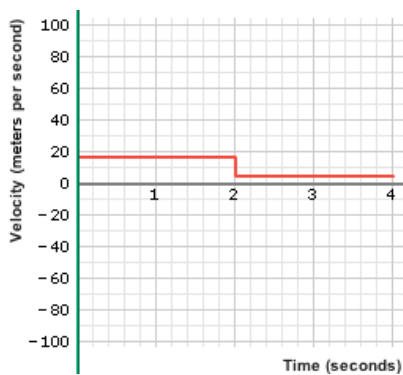
2. In which of the following graphs are both runners moving at the same velocity?



3. Which of the following velocity-time graphs matches the position-time graph shown below?



4. Which sentence best describes the runner whose velocity-time graph is shown below?



- A. The runner ran forward for 2 seconds, and then ran backward for 2 more seconds.
- B. The runner ran forward for 4 seconds — slowly for the first 2 seconds, then more quickly for the last 2 seconds.
- C. The runner ran forward for 4 seconds — quickly for the first 2 seconds, then more slowly for the last 2 seconds.
- D. The runner stood still for 2 seconds, and then moved suddenly, and then stood still again for 2 more seconds.