

Quizzes and Solutions

By Robert Prior

Interpreting and sketching motion graphs is an important part of kinematics.

These short quizzes will let you quickly assess which skills your students have mastered, and where they need more help.

Inside

Simple Motion

Multiple choice quizzes of graphs depicting simple motion.

2

6

10

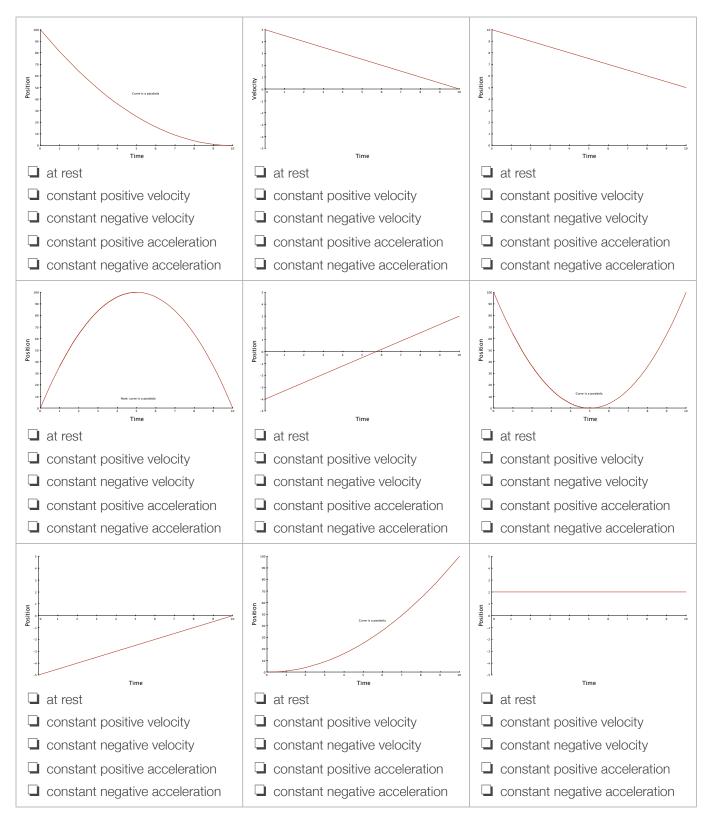
Complex Motion

Graphs showing several types of motion; students describe each section.

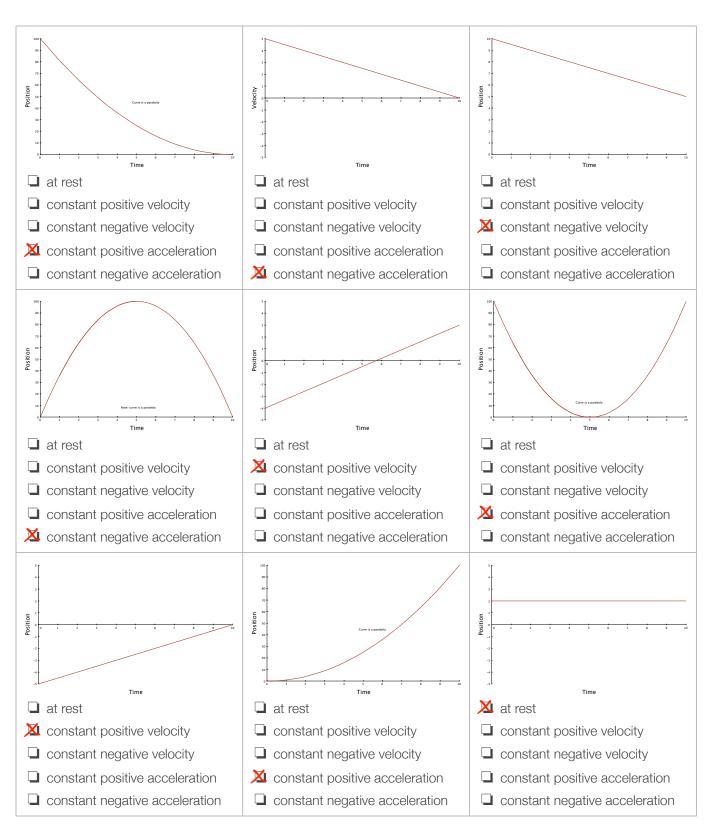
Sketching Graphs

Given a position-time or velocity-time graph, students sketch the other motion graphs.

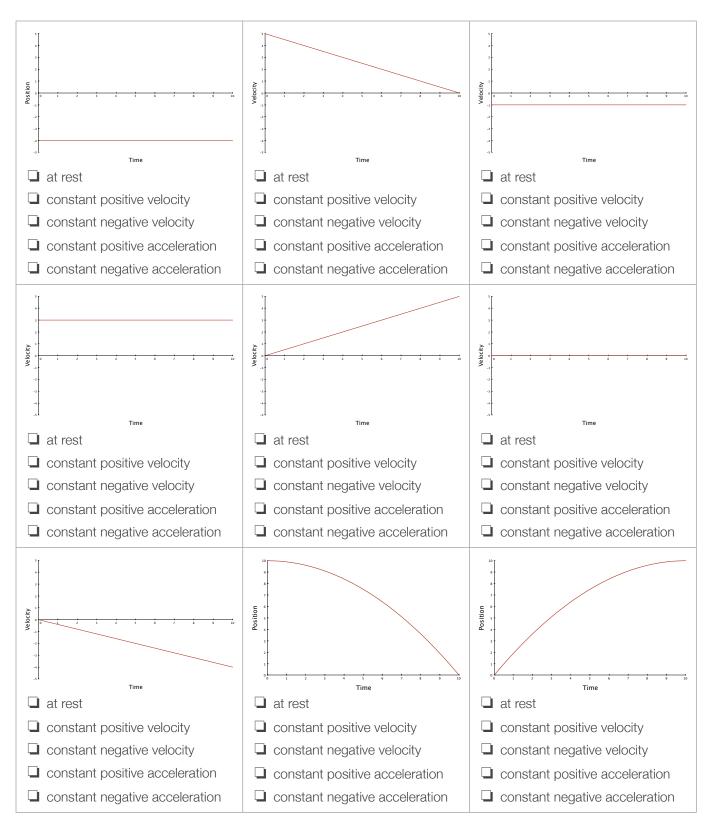
Motion Graph Quiz



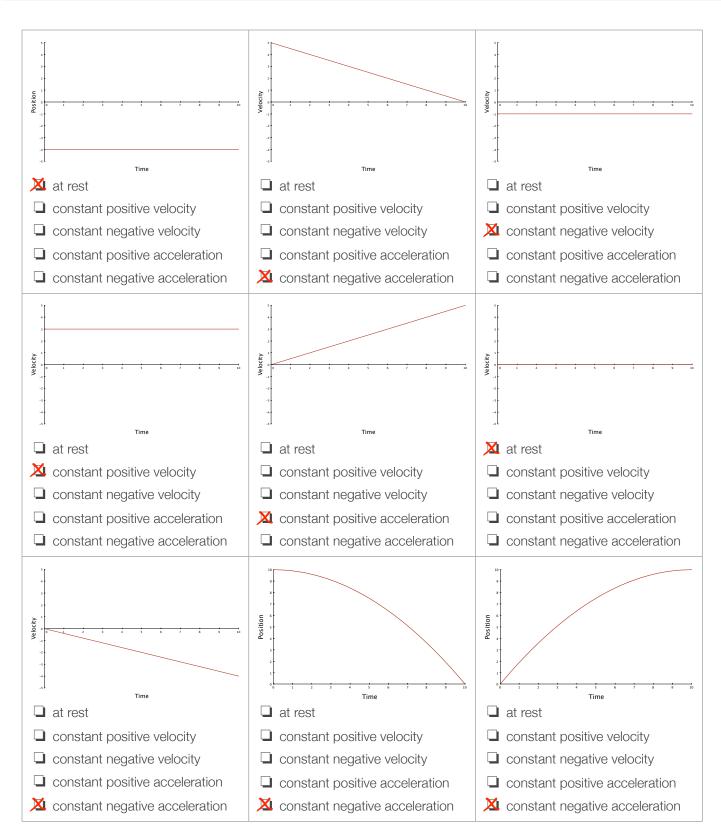




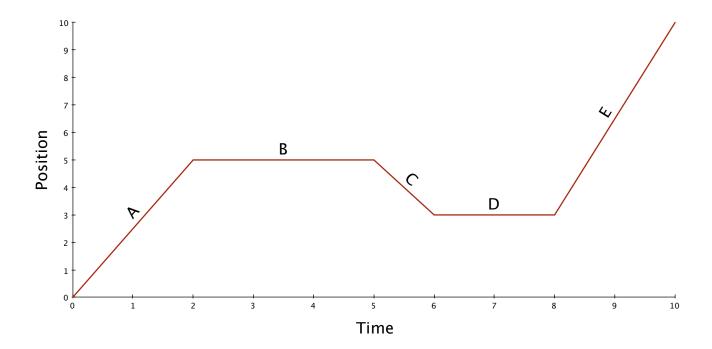
Motion Graph Quiz

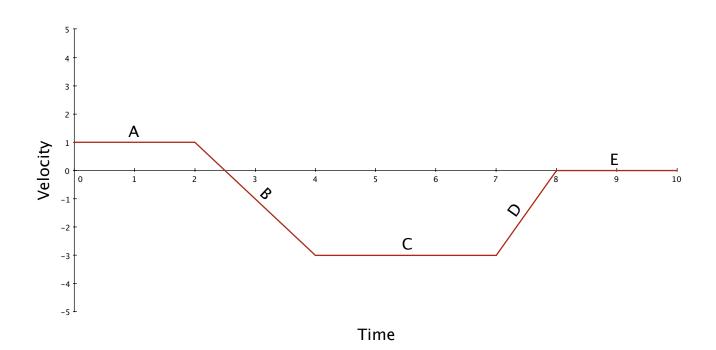




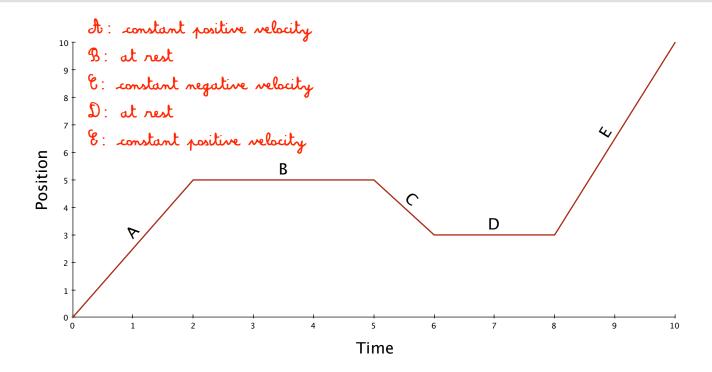


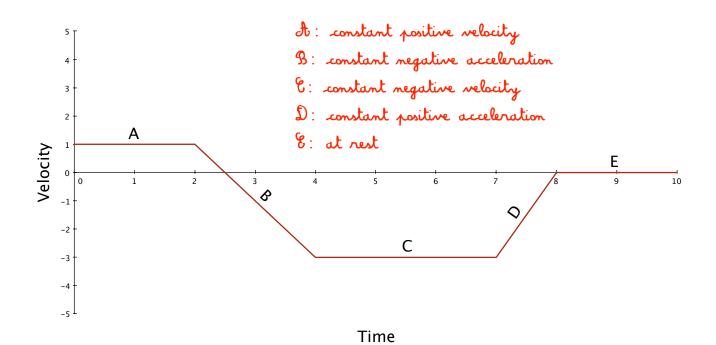
Motion Graph Quiz



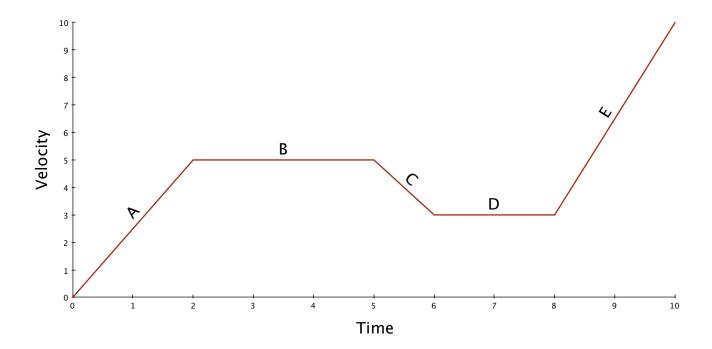


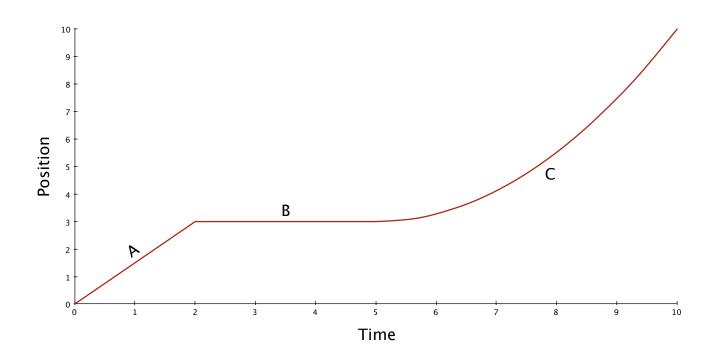




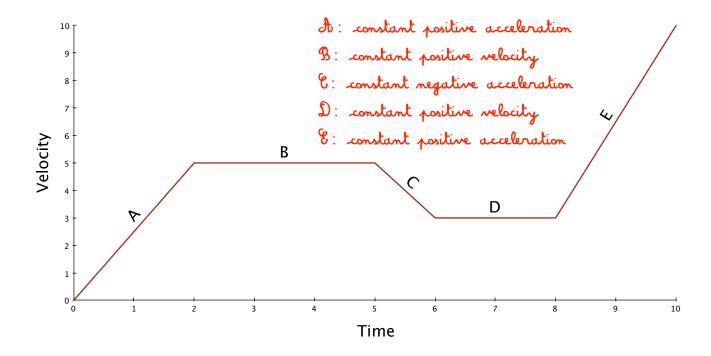


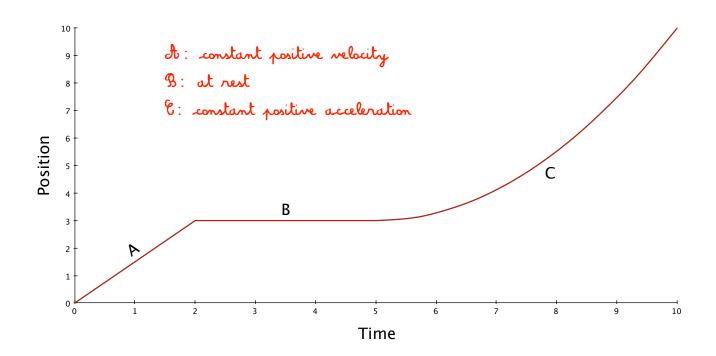
Motion Graph Quiz



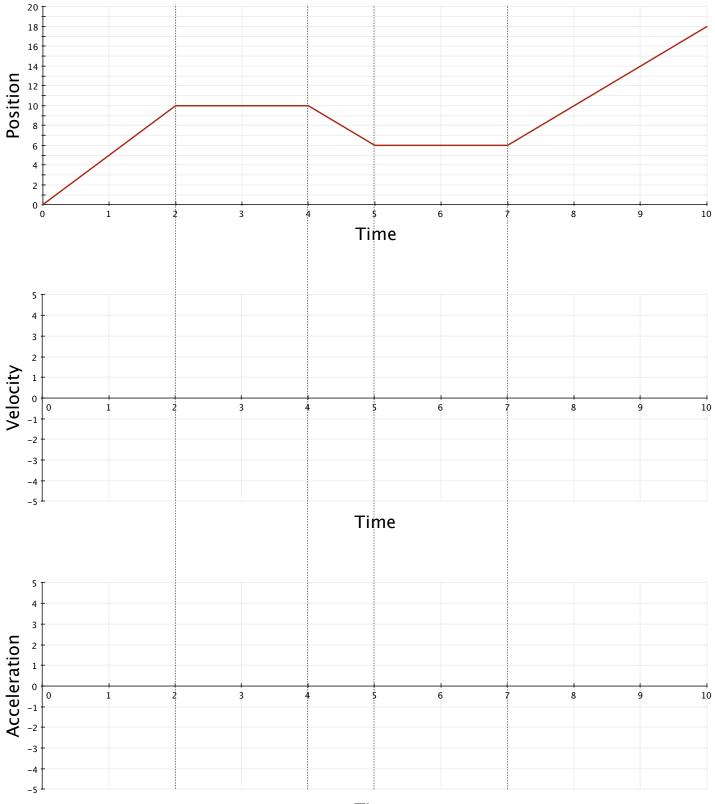


Motion Graph Quiz

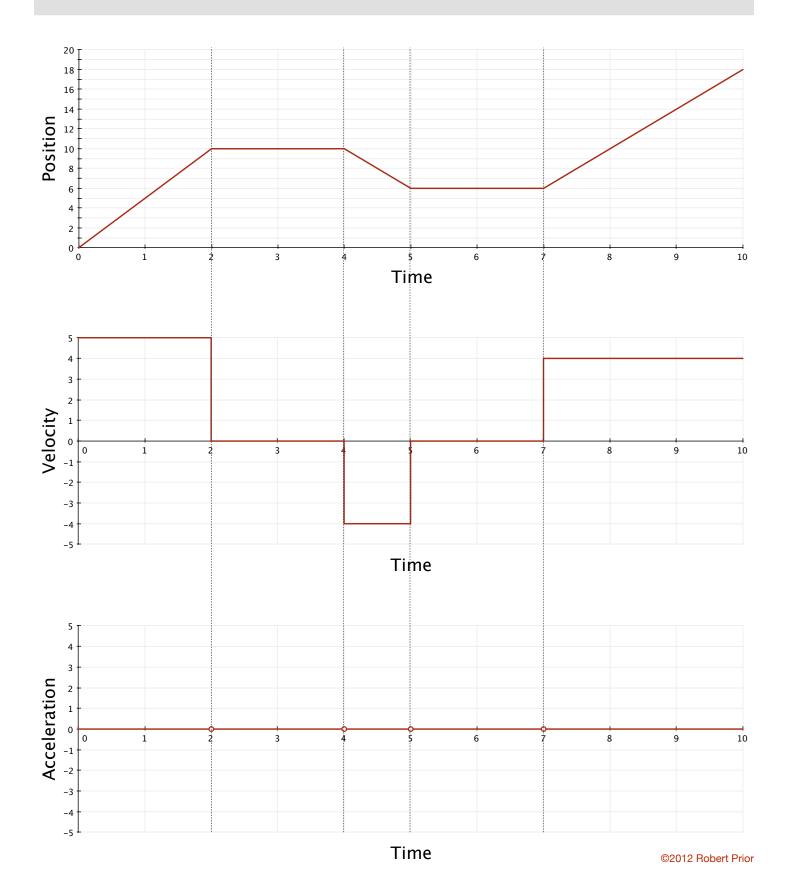




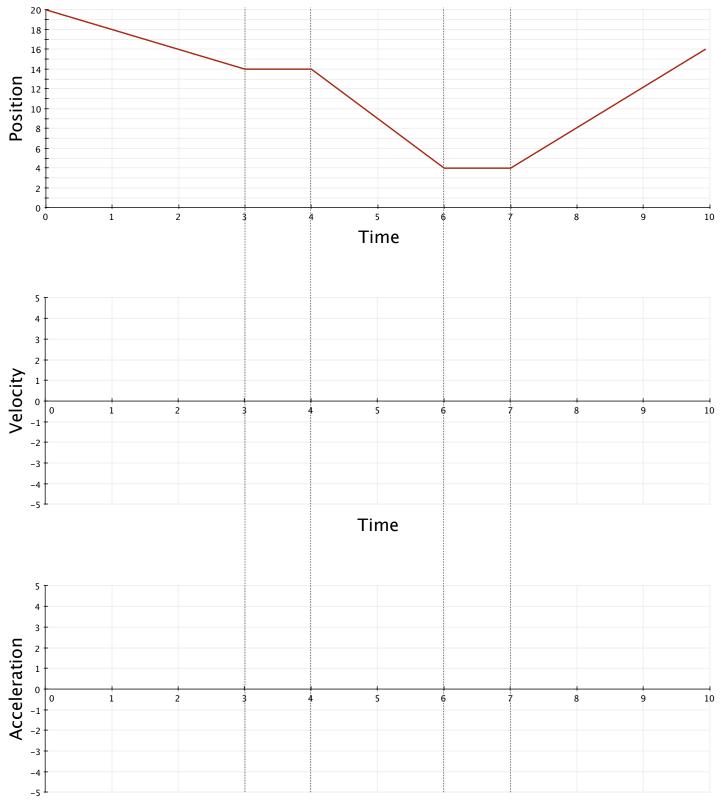
Motion Graph Quiz



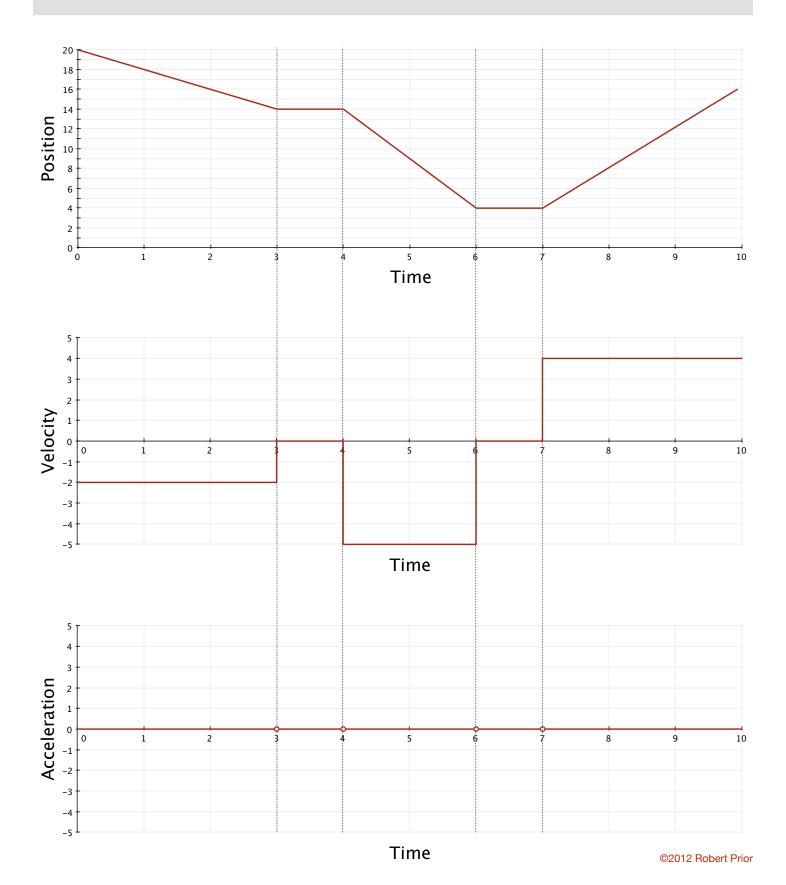




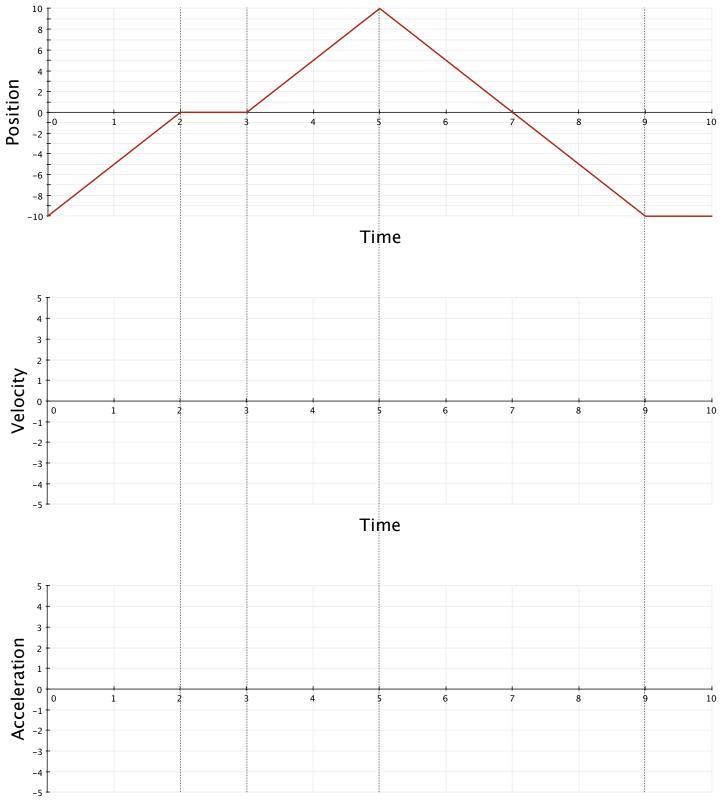
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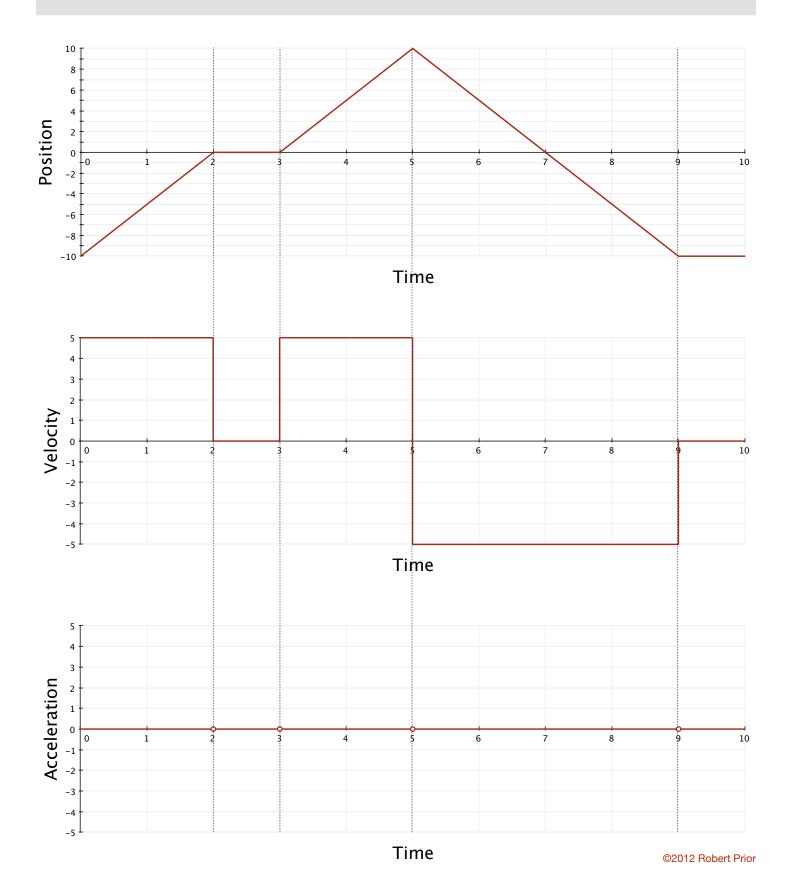




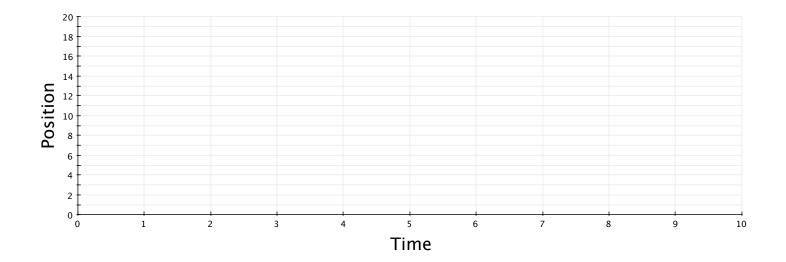
Motion Graph Quiz

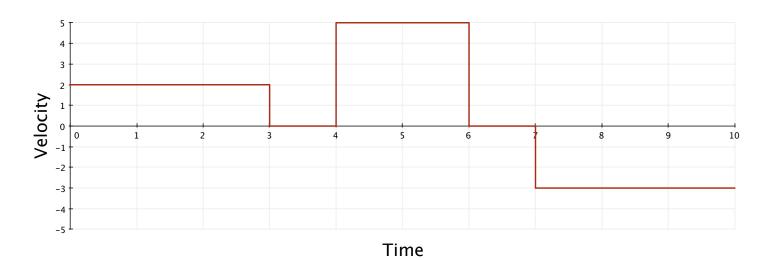


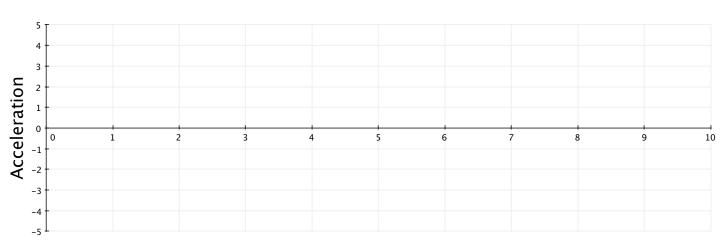




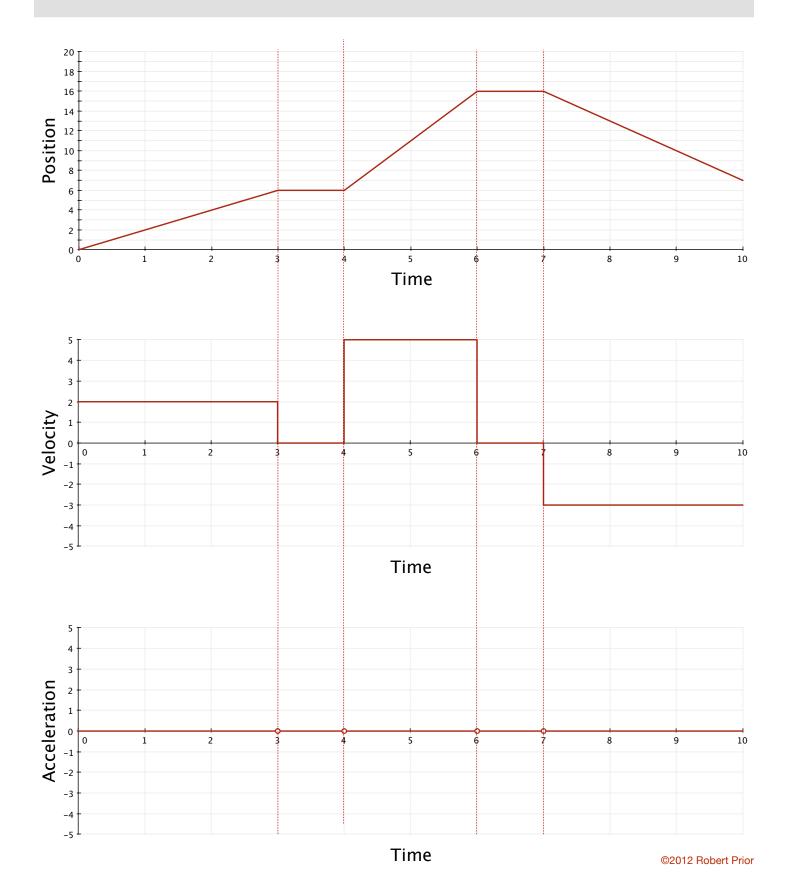
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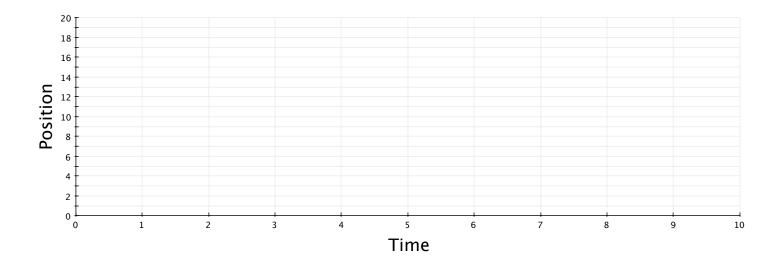


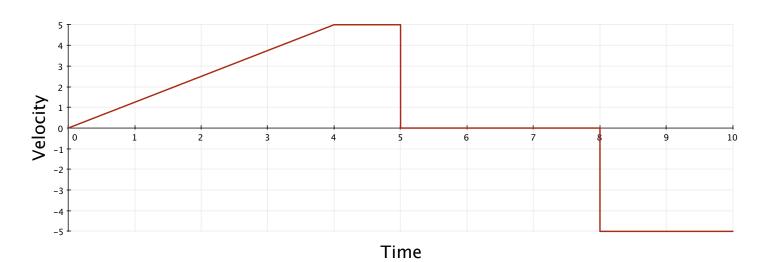


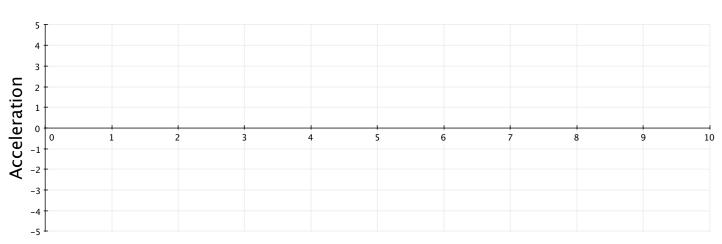




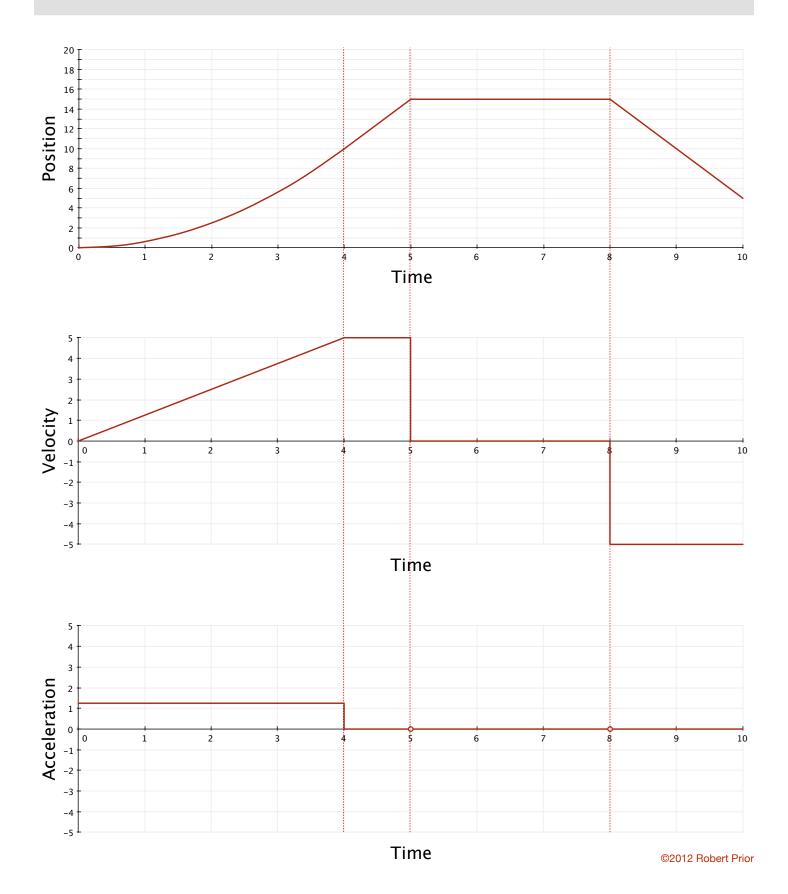
Motion Graph Quiz











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