

Name That Motion Concept Builder

The Name That Motion Concept Builder includes 11 animations, each of which must be matched to one of the following verbal descriptions:

Verbal Description
A. The car moves with a rightward velocity and a rightward acceleration.
B. The car moves with a constant, leftward velocity. Then, the car remains at rest for several seconds. Finally, the car moves with rightward acceleration.
C. The car moves with a constant, leftward velocity.
D. The car moves with a rightward acceleration. Then, the car remains at rest for several seconds. Finally, the car moves with a low constant speed.
E. The car moves with constant speed in the rightward direction.
F. The car slowly accelerates from rest. Then, the car remains at rest for several seconds. Finally, the car moves with a constant leftward velocity.
G. The car moves at constant speed. Then, the car remains at rest for several seconds. Finally, the car moves with a constant leftward velocity.
H. The car moves in the rightward direction with a leftward acceleration.
I. The car moves in the leftward direction with a leftward acceleration.
J. The car moves with a constant, rightward velocity. Then the car remains at rest for several seconds. Finally, the car rapidly accelerates with a rightward acceleration.
K. The car moves with a leftward velocity and a rightward acceleration.