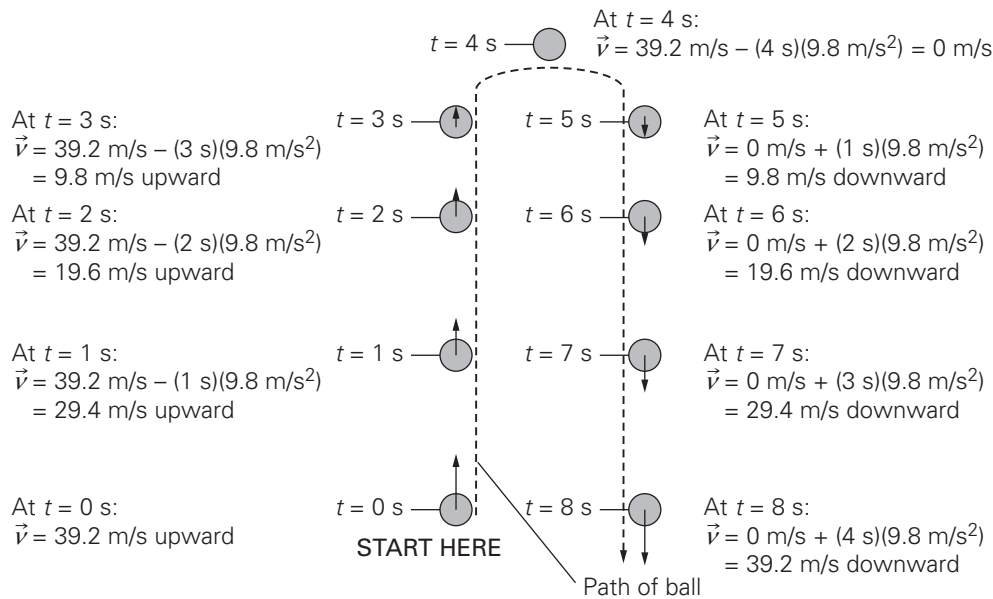


Name: _____

Date: _____

Vertical Projectiles

A ball is tossed vertically upward. Its initial velocity is 39.2 m/s upward. The diagram shows the path of the ball and its velocity at different times. A summary of the ball's motion is given at the bottom of the page.



Velocity

- highest at the bottom of the ball's path
- steadily decreases to zero as ball rises in the air
- steadily increases from zero as ball falls toward ground

Acceleration

- always 9.8 m/s² downward

