

Assessing Students' Understanding (A Short Quiz):

1. If velocity is negative and acceleration is positive, then speed is _____.
2. If velocity is positive and speed is decreasing, then acceleration is _____.
3. If velocity is positive and decreasing, then speed is _____.
4. If speed is increasing and acceleration is negative, then velocity is _____.
5. If velocity is negative and increasing, then speed is _____.
6. If the particle is moving to the left and speed is decreasing, then acceleration is _____.

Curriculum Module: Calculus: Motion

Assessing Students' Understanding (A Short Quiz):

1. If velocity is negative and acceleration is positive, then speed is decreasing.
2. If velocity is positive and speed is decreasing, then acceleration is negative.
3. If velocity is positive and decreasing, then speed is decreasing.
4. If speed is increasing and acceleration is negative, then velocity is negative.
5. If velocity is negative and increasing, then speed is decreasing.
6. If the particle is moving to the left and speed is decreasing, then acceleration is positive.