

#2: 9/20

The quantity, $|\Delta x / \Delta t| = |(x_f - x_i) / (t_f - t_i)|$, also called the _____, is equal to the magnitude of the _____.

1. acceleration...velocity
2. velocity...speed
3. acceleration...speed
4. velocity...acceleration
5. speed...velocity

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1. acceleration... velocity
2. velocity... speed
3. acceleration... speed
4. velocity... acceleration
5. speed... velocity: **CORRECT!**
.....because the speed is the magnitude of the velocity vector.