

Interpret Net Force and Acceleration: Apply and Create



Use the matching sheet ID when checking answers.

Use what you learned to explain, construct or apply an idea.

1. With the same net force, what happens to acceleration if mass doubles?

Look for:

- Uses $a = F/m$.

One possible response: Acceleration halves.

2. Does zero net force require an object to be at rest?

Look for:

- Distinguishes velocity from acceleration.

One possible response: No. It can move at constant velocity.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.