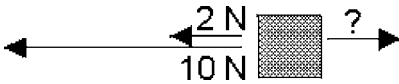


PSN Chapter 4 Preassessment**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. The force of gravity on an object is called:
- mass.
 - inertia.
 - weight.
 - volume.
- _____ 2. A unit of measurement used to indicate force is the:
- newton.
 - gram.
 - meter.
 - scalar.
- _____ 3. A book is placed on a table. While the book exerts a downward gravitational force on the table, an upward _____ force is exerted by the table on the book.
- gravitational
 - normal
 - tension
 - friction
- _____ 4. A force that always tends to slow the motion of an object on a surface is:
- mass.
 - weight.
 - friction.
 - inertia.
- _____ 5.



Three forces are acting on an object as shown in the diagram. The object is not moving. Two forces are 2 newtons and 10 newtons. The third force is:

- 8 newtons.
- 10 newtons.
- 12 newtons.
- 20 newtons.

**PSN Chapter 4 Preassessment
Answer Section**

MULTIPLE CHOICE

- | | | | |
|-----------|------------|------------------|------------|
| 1. ANS: C | DIF: basic | REF: section 4.1 | STA: S8P3b |
| 2. ANS: A | DIF: basic | REF: section 4.1 | STA: S8P3b |
| 3. ANS: B | DIF: basic | REF: section 4.1 | STA: S8P3b |
| 4. ANS: C | DIF: basic | REF: section 4.2 | STA: S8P3b |
| 5. ANS: C | DIF: basic | REF: section 4.3 | STA: S8P3b |