

Name: _____

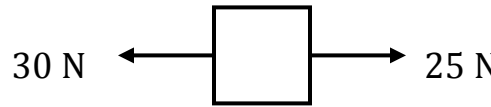
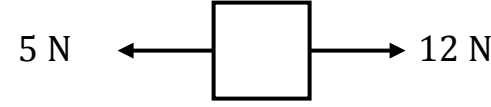

Date: _____ Block: _____

Newton's Laws of Motion

A. Which of Newton's three laws applies?

- _____ When you put a book on a table, the table pushes on the book.
- _____ A person is pushed forward into their seatbelt when a car stops.
- _____ A larger car takes more force to move.
- _____ A person leans on a wall and the wall pushes back.
- _____ A brick sits on a table until you push on it.

B. Understanding Net Force (Right is positive, left is negative)

	What is the net force?	Which way will the block move?
	_____	_____
	_____	_____
	_____	_____

C. Matching:

- | | | |
|-------|--------------|--|
| _____ | 1. Inertia | a. An action that can cause motion |
| _____ | 2. Mass | b. Force pulling all objects toward each other |
| _____ | 3. Net Force | c. The amount of matter in an object |
| _____ | 4. Gravity | d. Ability of an object to resist change of motion |
| _____ | 5. Force | e. Total of all the forces on an object |