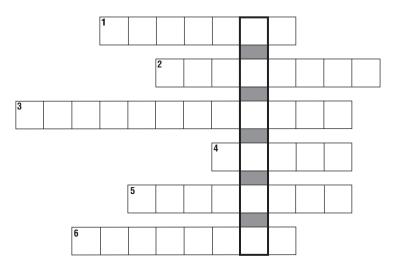


**Meeting Individual Needs** 



**Directions:** Write the term that matches each description in items 1 through 6 below on the spaces provided. Unscramble the boxed letters to spell the term that answers question 7.



- 1. A measure of an object's tendency to remain at rest or continue at constant speed
- 2. How far something travels
- 3. How far something ends up from its starting place
- 4. A push or a pull
- 5. Forces that result in no change in an object's motion
- 6. The force that resists motion
- 7. An object will remain at rest or move in a straight line with constant speed unless it is acted upon by a force. This is the definition of Newton's first law of

Directions: Circle the term in parentheses that makes the statement correct.

- 8. (Velocity, Speed) is an object's displacement divided by time.
- **9.** (Displacement, Acceleration) is the change in an object's velocity divided by the amount of time required for the change to occur.
- **10.** A (force, motion) is a push or a pull.
- 11. When scientists need to measure force, they use the (newton, degree).
- 12. The first law of motion is sometimes called the law of (inertia, force).
- 20 Newton's Laws of Motion

**b.** smaller

<u>Meeting Individual Needs</u>

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Date

Directed Reading for Section 3 - Newton's

**Content Mastery** 

**a.** larger

Class

Second Law

Name	Date	Class
Directed Reading fo Content Mastery	r <i>Key Terms</i> Newton's Laws of	Motion
<b>Directions:</b> Complete the following sen	tences using the terms listed below	Ν.
unbalanced	force	first
third	friction	speed
1. A	_ is a push or pull on an	object.
2. When an object remains a	t rest or moves in a straig	ht line with constant speed
until it is acted upon by ar	1 unbalanced force, the _	law
of motion is demonstrated	1.	

- **3.** A(n) \_\_\_\_\_\_ force allows you to pick up your book bag.
- **4.** The \_\_\_\_\_\_ law of motion says that for every action there is an equal but opposite reaction.
- 5. \_\_\_\_\_\_ is a way to measure the rate of motion.
- 6. If you are trying to ice skate and you fall, the \_\_\_\_\_\_ was too great between your skates and the ice.

**Directions:** Unscramble the terms in italics to complete the sentences below. Write the terms on the lines provided.

	A car travels down the road at 30 miles per hour in a northwest direction which means it has <i>tylovcei</i> .
	A student walks west from the school to the bus stop and has a <i>pmaseeilncdt</i> of 50 meters west.
	The train slows down as it comes to the station producing <i>reectoclanai</i> .
10.	When you roll a ball along the ground the ball is experiencing <i>gsiidln</i> friction.
11.	Acceleration = force/mass is an example of Newton's <i>noceds</i> law of motion.
12.	<i>tonoiM</i> is all around you.
13.	<i>dalcenaB</i> forces will not change the motion of an object.

**Meeting Individual Needs**