

## Review and Reinforce

# The Nature of Force

**Understanding Main Ideas**

In the Venn diagram, write the phrases listed below to describe unbalanced forces and balanced forces. Write the characteristics shared by unbalanced and balanced forces in the area of overlap.

change an object's motion

push or pull

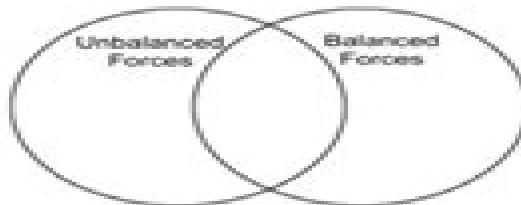
do not change an object's motion

have direction

net force = 0 N

net force does not equal 0 N

1.

**Building Vocabulary**

Match each term with its definition by writing the letter of the correct definition in the right column on the line beside the term in the left column.

2. \_\_\_\_ newton

a. the SI unit for force

3. \_\_\_\_ force

b. sum of all forces acting on an object

4. \_\_\_\_ balanced forces

c. push or pull

5. \_\_\_\_ unbalanced forces

d. can change an object's motion

6. \_\_\_\_ net force

e. will not change an object's motion

# Pearson Education Review And Reinforce Understanding

**Robert R. Redfield**



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