

Forces ▪ 10.1 Review and Reinforce

The Nature of Force

Understanding Main Ideas

Write the phrases listed below in the Venn diagram. Write the characteristics shared by unbalanced and balanced forces in the area of overlap.

change an object's motion

do not change an object's motion

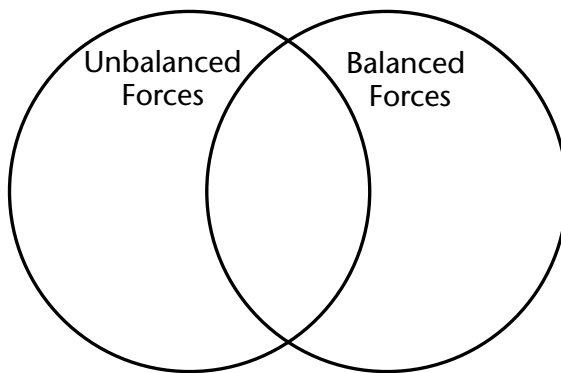
net force = 0

push or pull

have direction

net force does not equal 0

1.



Answer the following question in the space below.

2. Describe how to combine unequal forces acting in opposite directions.

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.

____ 3. newton

____ 4. force

____ 5. unbalanced forces

____ 6. balanced forces

____ 7. net force

a. the SI unit for force

b. sum of all forces acting on an object

c. push or pull

d. can change an object's motion

e. will not change an object's motion