Name	

Class\_\_\_\_\_

Skills Worksheet

## **Concept Review**

## Section: Motion and Force

1. Identify the following examples of friction as unwanted or necessary.

	a. friction between a cast-iron pan and the food in the pan
	_ b. friction between bones in a joint
	_ c. friction between tires and the road
	_ d. friction inside a car engine
	wheels under a heavy box reduces the necessary force ong at a constant speed.
3. <b>Identify</b> the four fund	lamental forces in nature.
4. Explain what happens	s whenever a net force acts on an object.
5. <b>Analyze</b> the following or unbalanced.	g situations, and indicate whether the forces are balanced
	_ a. a skydiver accelerating downward
	_ b. a cannonball fired parallel to the ground
	_ c. a motorboat coasting at a constant speed
	d. a bike leaning against a tree