

**REVIEW and REINFORCEMENT**  
**What It Means to Do Work**

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**KEY CONCEPTS**

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▲ A force acting through a distance is work.

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■ **Building Vocabulary Skills: Understanding Definitions**

Decide whether work is being done in each of the following situations. If you think work is being done, write W before the item number. If you think work is not being done, write N.

- \_\_\_\_\_ 1. You throw a baseball a distance of 20 meters.
- \_\_\_\_\_ 2. You lift a suitcase to put it in the overhead luggage compartment of a plane.
- \_\_\_\_\_ 3. You push against a brick wall until you are exhausted.
- \_\_\_\_\_ 4. You carry a heavy bag of cat litter home from the pet store.
- \_\_\_\_\_ 5. You slam a tennis ball across the net and score the winning point.
- \_\_\_\_\_ 6. You study all night for a science test.
- \_\_\_\_\_ 7. Your finger pushes down the RETURN key on a computer.
- \_\_\_\_\_ 8. You move a shovelful of snow from the driveway to the lawn.
- \_\_\_\_\_ 9. You and a friend push a heavy piano, causing it to move about 10 centimeters
- \_\_\_\_\_ 10. You stand for half an hour in the freezing cold waiting for the bus to come.

