

Key Concept Builder

LESSON

Work and Power

Key Concept What must happen for work to be done?

Directions: Put a check mark on the line before the each example that represents work being done on an object.

- _____ 1. lifting a box off the ground
- _____ 2. carrying a box across a room
- _____ 3. carrying a box up a flight of stairs
- _____ 4. pushing a stalled car
- _____ 5. pushing against a sturdy stone wall
- _____ 6. holding a suitcase
- _____ 7. putting a suitcase on an overhead rack
- _____ 8. picking up a penny from a sidewalk

Directions: (On each blank line, write the word that correctly completes the sentence.)

- 9. When a force is applied to an object, no work is being performed on the object if _____ the object _____.
- 10. The unit of work, the newton-meter, is also known as the _____.