

Content Practice A**LESSON 1****Work and Power**

Directions: On each line, write the term from the word bank that correctly completes each sentence. Each term is used only once.

distance **energy** **joule** **motion**
power **watt** **weight** **work**

1. In science, _____ is done when a force produces _____ in an object.
2. A newton-meter is the same thing as a(n) _____.
3. The work done in lifting an object is equal to the _____ of the object times the _____ it is lifted.
4. Doing work on an object transfers _____ to the object.
5. The rate at which work is done is called _____.
6. We know that 1 J/s is equal to 1 _____.

Content Practice B

LESSON 1

Work and Power

Directions: Answer each question on the lines provided.

1. In science, when is work done?

2. What is the equation for determining the amount of work that has been done on an object?

3. What is the SI unit of work and energy, and what is it equal to?

4. How does moving an object at an angle affect work?

5. What is the force required to lift an object equal to?

6. What does work transfer to an object?

7. What is power?

8. What is the equation for power?

9. What is the SI unit for power, and what is it equal to?

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