

Name _____ Date _____

Introduction to Energy

1. What is energy? Explain using an example.
2. What is energy of motion? Describe an example.
3. What is stored energy? Give an example.
4. An object has stored energy because of its _____ or _____.
5. What is transfer of energy? Explain using an example.
6. Describe each kind of energy and give an example:
Electrical energy –

Chemical energy –

Sound energy –
7. Explain how energy can change from one form to another.
8. Explain how motion and heat are related.
9. Heat energy transfers from _____ objects to _____ objects.
10. What is insulation? Describe an example of how insulation is helpful.
11. The two main scales used to measure temperature are _____ and _____.