

## SOL 6.2 • Energy Sources

### STUDY LIST

#### Potential vs. Kinetic energy (6.2a)

1. What is the definition of Potential Energy? \_\_\_\_\_  
\_\_\_\_\_
2. What is the definition of Kinetic Energy? \_\_\_\_\_  
\_\_\_\_\_
3. Give TWO examples of Potential Energy. \_\_\_\_\_  
\_\_\_\_\_
4. Give TWO examples of Kinetic Energy \_\_\_\_\_  
\_\_\_\_\_

**Directions: Place a PE for Potential Energy or a KE for Kinetic Energy in the blank provided.**

5. \_\_\_\_\_ Bowling a bowling ball
6. \_\_\_\_\_ Riding a bike
7. \_\_\_\_\_ An accelerating race car
8. \_\_\_\_\_ A book on top of a shelf
9. \_\_\_\_\_ Flying a kite
10. \_\_\_\_\_ A stretched spring
11. \_\_\_\_\_ A baseball hurtling through the air
12. \_\_\_\_\_ Snow falling from the sky
13. \_\_\_\_\_ A runner in their starting position (getting ready to run)

**Directions: use the following to fill in the blanks for questions 14-17:**

Max KE      Max PE      KE to PE      PE to KE      KE and PE are balanced

14. Point A \_\_\_\_\_
15. Point B \_\_\_\_\_
16. Point C \_\_\_\_\_
17. Point D \_\_\_\_\_

