**3.2 Unit D- Friction is a Force That Opposes Motion-pages 85-89**

**1. Pg.85 Para 1- What is the definition of friction?**

**2. Pg. 85 Para 2 What 2 forces does the friction between the feet and the ground provide you when walking?**

**3. Pgs. 86&87 (BOLD FACED SENTENCES) List the 3 factors that determine the friction between 2 surfaces.**

**Look at the picture on page 86!!**

**4. Pg.86 (PICTURE 1) What kind of movement does an object have if the applied force is equal to the friction?**

**5 Pg.86 (PICTURE 2) If the applied force is greater than the friction, the moving object has this type of movement?**

**Look at the picture on page 87!!**

**6. Pg. 87 (PICTURE 1) When someone sits in the chair, the force of \_\_\_\_\_\_\_\_\_\_ increases.**

**7. Pg.88 Para 1- What produces heat?**

**8. Pg.88 Para 1- What happens to the temperature of the object as the molecules in an object move faster?**

**9. Pg. 88 Para 2- What substance reduces friction in the moving parts of machines?**

**10. Pg. 88 Para 3- What is the definition of fluid?**

**11. Pg. 88 Para 3- Name 2 example of a fluid.**

**12. Pg. 89 Para 1- What is the force resisting motion through a fluid called?**

**13. Pg.89 Para 2- What is the friction due to air called?**

**14. Pg. 89 Para 2- What 2 properties does air resistance depend on?**

**15. Pg. 89 look at the picture!!! When air resistance and gravity are equal, what does the skydiver fall at?**

**16. Pg. 89 Para 5- What is the definition of terminal velocity?**