**Activity 1: Lubrication, Friction, and Wear**

**Name: Date:**

***These answers will form part of your assessment for this module. Think carefully about your answers.***

1. What are the four different types of friction and give examples of each.
2. Give four basic purposes of lubrication
3. What are the two major effects of friction?
4. What are the five different types of wear?
5. The normal force between two surfaces is 100N and the dynamic coefficient of friction is 0.4. Calculate the force required to maintain a constant speed of sliding.
6. The normal force between two surfaces is 50N and the force required to maintain a constant speed of sliding is 25N. Calculate the dynamic coefficient of friction for this situation.