STEM # 12

Explanation of Friction

*Directions: Read the article and answer the following questions.*

1. What are the three different types of friction that we discussed in this chapter?
2. According to Makkonen’s theory, the amount of friction is related to what?
3. After answering question 2, why would that aspect affect the amount of friction an object possessed? Does it make sense?
4. What types of surfaces would you expect to have greater frictional forces? Circle the surface you expect would have a greater frictional force & EXPLAIN why in the space provided.
   1. Concrete or a gym floor
   2. Waxed wood or un-waxed wood
   3. Carpet or tile