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| 1. **The study of friction is called:**
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| **2. Which of the following statements about friction is true?** |
| 1. Friction is caused by the touching of atoms at contact points between surfaces that rub against each other.
2. Friction is proportional to force.
3. The more surfaces rub against each other, the greater the friction.
4. All of the above.
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| **3.\_\_\_\_\_\_ is the resistant force due to an object's shape and surface properties.** |
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| **4.\_\_\_\_\_\_ friction is a type of drag caused by the stickiness of water molecules as they rub against solid surfaces and each other.** |
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| **5. A \_\_\_\_\_\_ is a substance that reduces friction by reducing the number of contact points between two sliding surfaces.** |
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