Indicate whether the statement is true or false. If it is false, change the identified word(s) to make the statement true You push on a book and it moves. The force acting on it is sliding friction. _____

1. Friction is a force that speeds up motion between two surfaces that are in contact. _____

Indicate the answer choice that best completes the statement or answers the question

2. The unit of force is ____.

A. m/s **B**. the hertz

C. the joule **D**. the newton

3. Which of the following is an example of a noncontact force?

A. musician playing piano

B. athlete hitting a ball with a bat

C. a ball falling after you toss it in the air

D. karate expert breaking a stack of wood

4. An arrow can be used to represent a force. The length of the arrow represents _____.

A. direction of the force **B.** strength of the force

C. mass of the force **D.** acceleration of the force

Enter the appropriate word(s) to complete the statement |

5. A(n) _____ is a push or pull.

6. A(n)_____ is the gravitational force that exerted on an object

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