




Types of Forces Assignment

- 1) Complete the missing information in the Types of Forces organizer below. One aspect of each of the 8 types of forces is provided, and it is up to you to complete the other two. You will use each type of force only once: spring, drag, gravitational, friction, buoyant, magnetic, applied, and tension.

Activity Illustration	Description	Type of Force
Draw an example of the type of force.	Describe the activity in the illustration.	Identify the type of force described in the activity.
	The force of attraction between metals like iron, steel, and a magnet.	
		
		tension force

Activity Illustration	Description	Type of Force
	<p>When you rub your hands together quickly, you can feel the heat it generates!</p>	
		
		<p>gravitational force</p>
	<p>As a sailboat moves through the water, the water molecules create resistance against the body of the boat.</p>	<p>drag</p>
		

2) Answer each of the questions below in complete sentences.

- a. Describe how Newton's 1st Law of Motion applies to hitting a tennis ball traveling in your direction.



- b. Describe how Newton's 2nd Law of Motion applies to knocking over pins with a bowling ball.



- c. Describe how Newton's 3rd Law of Motion applies to a rocket launching from Earth.

