

Name _____ Class _____ Date _____

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

Topic	At the end of the unit:	
7Ka		
	Recall that a force is a push or a pull.	* * * * *
	Name and identify some different forces.	* * * * *
	State the meanings of contact force, non-contact force, weight and mass.	* * * * *
	Recall the effects of forces on an object.	* * * * *
	Recall how to measure forces and masses, and their units.	* * * * *
	Explain the difference between mass and weight.	* * * * *
	Represent the size and direction of forces using arrows.	* * * * *
7Kb		
	State the meanings of elastic and plastic.	* * * * *
	Describe how the extension of a spring depends on the force applied.	* * * * *
	Explain what is meant by elastic limit and limit of proportionality.	* * * * *
7Kc		
	Describe some effects of friction, and how friction forces can be changed.	* * * * *
	Identify situations in which friction is helpful or not helpful.	* * * * *
	Describe the different ways in which friction forces can affect an object, and how they can be changed.	* * * * *
7Kd		
	Calculate pressure and recall its units.	* * * * *
	Describe the effects of high and low pressure in simple situations, and how the pressure can be changed.	* * * * *
7Kd Working Scientifically		
	Use units in the SI system, including prefixes.	* * * * *
	Explain why scientists use SI units.	* * * * *
7Ke		
	Explain the effects of balanced and unbalanced forces in simple situations.	* * * * *