

Name _____

Science

Class _____

Date _____

Homework 3-18: Force and Newton's Laws

Answer on a separate paper, show all work!

1. What will happen to a moving car if you increase the force on it?
2. If you push a bowling ball and a soccer ball with the same force in a straight line, which ball will have greater acceleration? Explain.
3. What is a centripetal force?
4. What is acceleration?
5. In your own words, explain Newton's 3rd law of motion.