



Name: ..... Form: .....

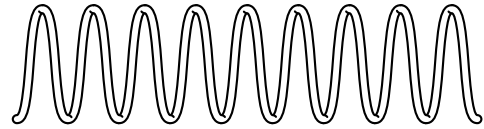
Based on pages 6 and 7 of *Springs and magnets*

# Springs and forces

Try this...

**Diagram 1**

1. Take a spring like the one shown in Diagram 1.



2. Press on the ends of the spring. What do you feel?



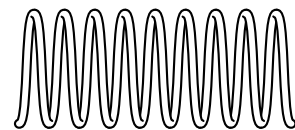
3. In this space, draw the spring as it appears when you are pressing it.

4. On your diagram, use black arrows to show the forces you made when you pressed on it.

5. On your diagram, use blue arrows to show the forces made by the spring.

6. Take a spring like the one shown in Diagram 2.

**Diagram 2**



7. Pull on the ends of the spring. What do you feel?



8. In this space, draw the spring as it appears when you are pulling it.

9. On your diagram, use black arrows to show the forces you made when you pulled it.

10. On your diagram, use blue arrows to show the forces made by the spring.