1. My coil has ______ turns in it. Move the magnet near your coil and write your observations in the box below.


2. What happens when I move the magnet faster or slower?


What happens when I change the direction of movement?


My new coil has ________ turns in it. How does the number of turns affect the current produced by moving the magnet?


3. What happens when I open or close the speaker circuit?


4. Here is how I built a motor: