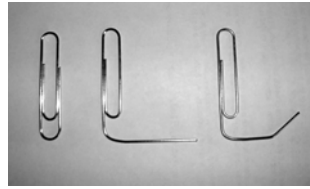
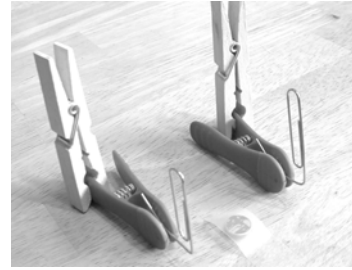


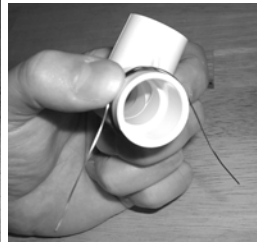
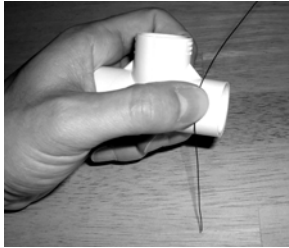
Tape the magnet to the table.



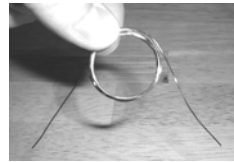
Bend both paper clips like this.



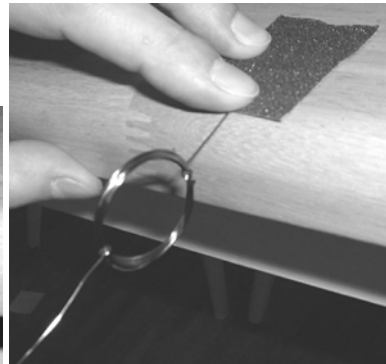
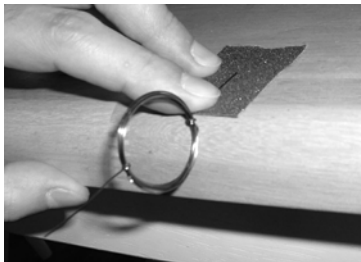
Set up the clothespins and bent clips around the magnet.



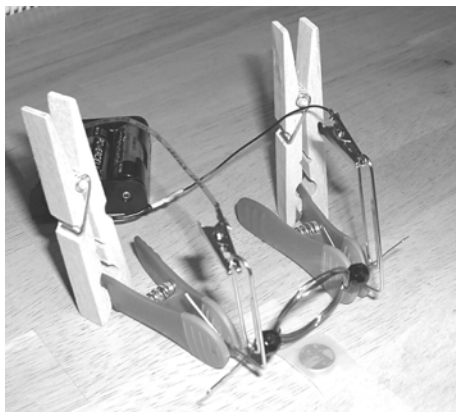
Wind the wire around the plastic form 7 times. Leave a tail of about 2 inches of wire at each end.



Take the wire off of the form carefully to make a round coil, and wrap each tail around twice to keep the loops in place.



Holding the coil vertically, press the bottom side of one of the wire tails against the sandpaper, then pull the coil away to sand off the enamel insulation. Do this 20 times. Then do the same thing to **THE SAME SIDE** of the other tail. When you are done, thread a bead onto each tail, and bend up the tips of the tails to keep the beads on.



Put the coil tails inside the loops of the paper clips (with each bead between the coil and the clip). Put the batteries in the battery holder, and connect the battery clips to the tops of the paper clips. Balance the coil as needed. Move the clothespins so that the coil is over the magnet, and your motor will start to turn.