

# Magnetic Force

1. Where does the magnetic force become too weak to attract the paper clip? Measure the distance between the magnet and the paper clip.

\_\_\_\_\_ in.

2. Count the number of paper clips that stick to a bare magnet. Then count the number of paper clips that stick to the magnet with each material between the magnet and the paper clips.

<b>Material</b>	<b>Number of paper clips that stick to bare magnet</b>	<b>Number of paper clips that stick to magnet through material</b>
Plastic cup		
Paper		
Waxed paper		
Aluminum foil		
Cloth		
Wood		
Skillet		