



Name: Form:

Based on pages 14 and 15 of *Springs and magnets*

Looking at magnets

Try this...

1. Take a bar magnet and bring it close to some paperclips. In box A, draw the magnet with the paperclips stuck to it.

A

2. Take a horseshoe magnet and bring it close to some paperclips. In box B, draw the magnet with the paperclips stuck to it.

B

3. Take a ring or disc magnet. In box C, draw how you think the paperclips will stick to the magnet when you bring it close to them.

C

4. Bring the ring or disc magnet close to some paperclips. In box D, draw the magnet with the paperclips stuck to it.

D

5. Did the paperclips stick to the magnet as you predicted?



6. Look at the loudspeaker. Put a paperclip close to some of its parts. The part where it sticks is a magnet. Where is the magnet in a loudspeaker?





7. Look at the electric motor. Put a paperclip close to some of its parts. The parts where it sticks are the magnets. Where are the magnets in an electric motor?



