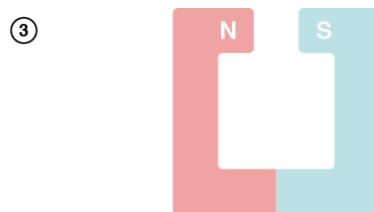


Chapter 20: Magnetism and Electromagnetism

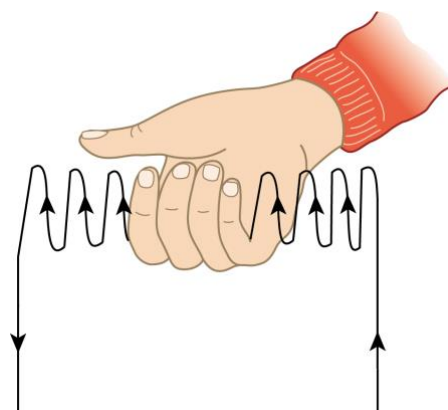
1 a Draw in the magnetic field lines for the magnets below.



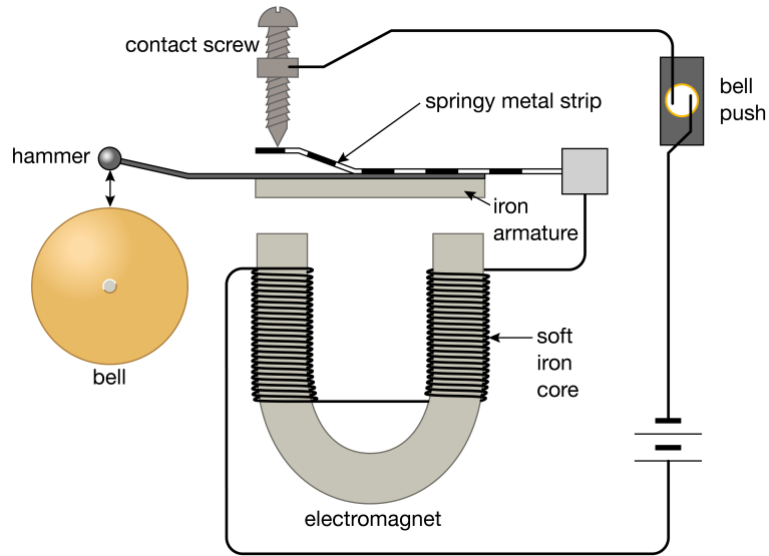
b Indicate the areas where the magnetic field is strongest.

2 State the three things that magnetic field lines represent.

3 Draw in the magnetic field lines in the following example.



4 The diagram below shows an electric bell.



Explain how the electromagnet in the bell allows it to ring.

5 A student wishes to investigate how altering the current flowing in a current carrying conductor alters the strength of an electromagnet. Describe an experiment the student can carry out to investigate this.