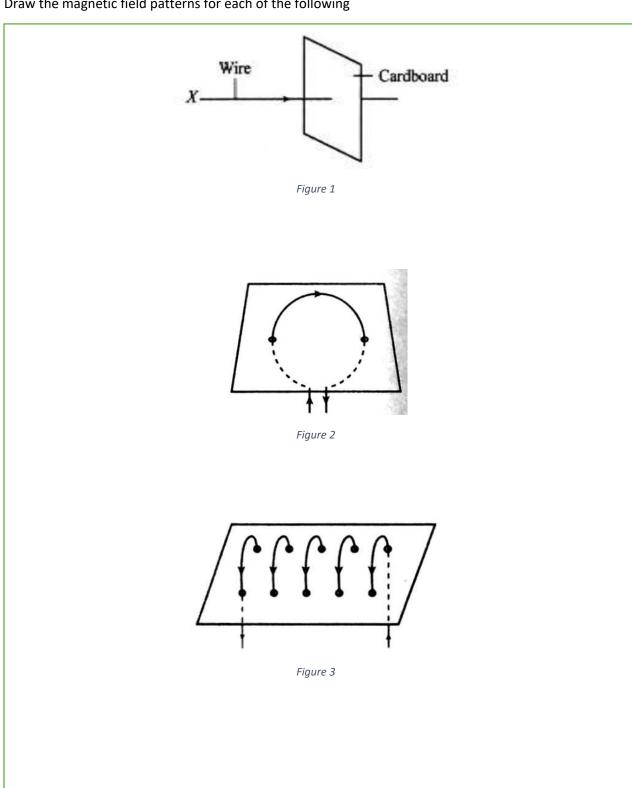
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Magnetic Field Patterns

Q1.

Draw the magnetic field patterns for each of the following

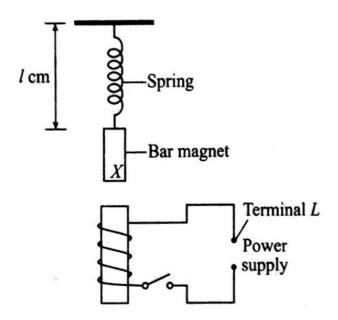


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Q2.		•				•	
Draw the magnetic field patterns for each of the following							
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Q3.

The figure below shows a vertical spring with a bar magnet hanging at the lower end. An electromagnet is placed below the bar magnet. The length of the spring is 1 cm. When the switch is closed, the length of the spring became shorter. Which of the following statements is true about pole X of the bar magnet and terminal L of the power supply?



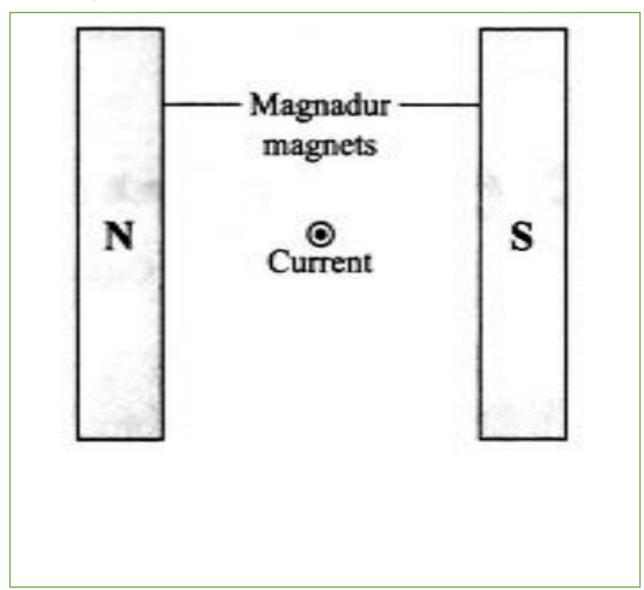
	Pole X	Terminal L		
A	North	Either positive or negative		
В	South	Either positive or negative		
C	South	Negative only		
D	North	Negative only		

Figure 4

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Q4.

In the figure below, opposite poles of a pair of magnadur magnets face each other with a current-carrying conductor in the magnetic field. The current flows out of the paper. On the figure, draw the resultant catapult field.



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