

## E&M Unit 4 - Magnetism: Worksheet 1 Key

## Part 1

For questions 1-4, draw in the needle of the compass (in large empty circle) showing the deflection that the needle will experience. North is at the top of the page. If there is no deflection write none.

Note: The symbol  $\odot$  represents a wire coming out of the paper and  $\otimes$  represents a wire going into the paper.

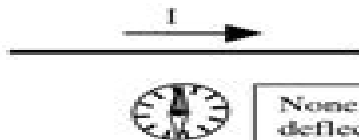
- 
- | Response  | Percentage |
|---|------------|
| Yes, the current system is the best way to run the country    | 60%        |
| No, the current system is not the best way to run the country | 40%        |



- 2



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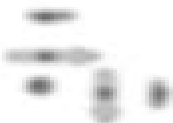


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For questions 7 – 8, sketch vectors to represent the strength and direction of the magnetic field at the designated places due to the current in the wire(s).

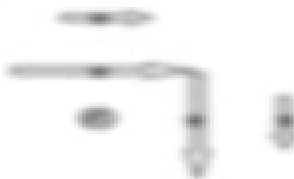
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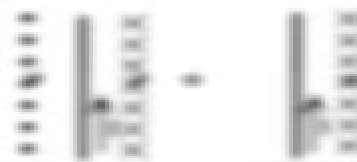
- 10



- 1



- 



Other than within the same  
or a limited number of other  
groups, 100% of various  
genotypes are found  
within some units and  
absent from others.  
However, there is a  
small percentage of split  
units.

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[illegible]

(The three little flowers in  
 a field near the  
 garden. In a field  
 with some small  
 flowers. There is a  
 small meadow with

# Magnetism Review Answers

**RC Schank**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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