

Name: _____

Date: _____

Field Type	Source of Field	Direction of Field	Field Strength Equation	Attractive, Repulsive, or Both	Real-World Applications or Technologies
Magnetic	Domains	Out of the North, towards the South	N/A	Both	Electromagnets
Electrical	Charges	Away from the positive Towards the negative	$ E = \frac{kq}{r^2}$	Both	van de Graaff generators
Gravitational	Large mass	Towards the center of the mass	$g = \frac{Gm}{r^2}$	Attractive	Satellites in orbit

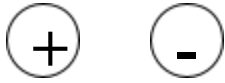
Question 1. Complete the table below by filling in any missing information for each field type. Refer to page 2 of your data booklets for your field strength equations.

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Question 2. Draw in the field lines, showing the direction of the arrows (ex. —————→) for each of the following situations

Electrical Fields



Magnetic Fields



Gravitational Fields

