

Name: \_\_\_\_\_

## Magnets: Field and Poles

Magnetic fields give magnets their ability to “stick” to magnetic metals. Magnets have poles...a North pole and a South pole. Two like poles will attract. Two opposite poles will retract.

Directions: Hold two magnets together.

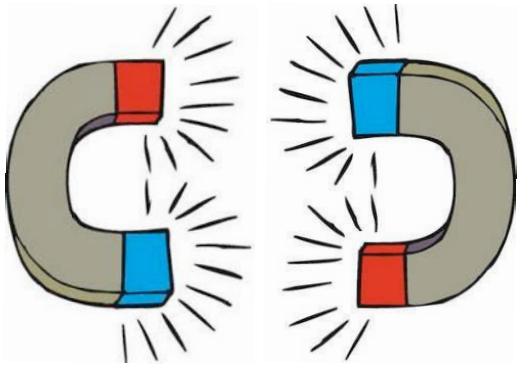
1. What happens when you place two opposite poles together?

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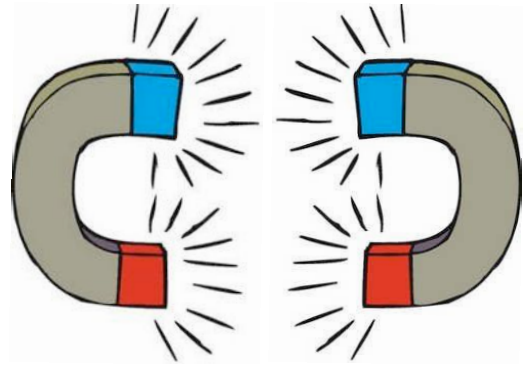
2. What happens when you place two like poles together?

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3. Write ATTRACT or REPEL under the correct pictures.



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4. Play with the magnetic field. Place a bar magnet under a paper. Place a handful of iron filings onto the paper, above the bar magnet. Draw what you see.

