

# Directed Reading A

## Section: Magnets and Magnetism

### PROPERTIES OF MAGNETS

1. Any material that attracts iron is a(n) \_\_\_\_\_.
2. The points on a magnet that have opposite magnetic qualities are the \_\_\_\_\_.
3. The magnetic pole that points to the north is the magnet's \_\_\_\_\_.
4. The magnetic pole that points to the south is the magnet's \_\_\_\_\_.
5. The force that can either push magnets apart or pull them together is \_\_\_\_\_.
6. The region around a magnet in which magnetic forces act is the \_\_\_\_\_.

For each description below, identify the correct magnetic property. Write either *magnetic forces* or *magnetic fields* in the space provided.

- \_\_\_\_\_ 7. come from spinning electric charges in the magnets
- \_\_\_\_\_ 8. can push magnets apart or pull them together
- \_\_\_\_\_ 9. depend on how two magnets' poles line up
- \_\_\_\_\_ 10. are regions around magnets in which magnetic forces can act
- \_\_\_\_\_ 11. shape can be shown with lines that surround magnets
- \_\_\_\_\_ 12. are strongest at magnetic poles, where lines are closest together

