

Name: _____

Real World Science: Magnetism

1. What are two examples of magnets that are mentioned?
2. What are the 3 shapes of magnets?
3. What are the two ends a magnet called?
4. What is the rule for magnetic poles?
5. What did they dip the magnets in?
6. Where are magnetic forces the strongest?
7. What is the direction of magnetic field lines?
8. Why does the earth act like a giant magnet?
9. What are the two north poles and two south poles on the earth?
10. What are 3 other sources of magnetism in our solar system?
11. What is the Sun's outermost layer called?

12. What do two sun spots represent?
13. What are protons?
14. Which subatomic particles make atoms act like a tiny magnet?
15. In a magnetized material, what do the magnetic domains look like?
16. What is a material that shows strong magnetic affects?
17. How can you make a magnet?
18. Magnets that stay magnetized for long periods of time are called?
19. What are 2 ways that a magnet can lose its magnetism?
20. What happens when a magnet is cut in half?
21. What happens to a compass needle when it is placed near a wire with a current?
22. What is the relationship between electricity and magnetism called?

23. What is a coil of wire carrying an electric current?
24. What is a solenoid with a ferromagnetic core?
25. Can magnetism create electricity?