

Name _____ Date _____ # _____

FOSS – Magnetism & Electricity
Investigation 1-3: Now Magnets Interact & Make a Compass

Directions: Use the reading on pg. 6 & 7-9 to help you answer the questions below. **Circle** the **best** answer for the question given.

1. How many ends does a magnet have?
 - a. five
 - b. two
 - c. three

2. What are the ends of magnets called?
 - a. North and South pole
 - b. East and West pole
 - c. West and South pole

3. What is the largest magnet on Earth?
 - a. Horse-shoe magnet
 - b. A compass
 - c. Earth itself

4. What happens when you put two **north** poles together?
 - a. They repel each other.
 - b. They attract each other.
 - c. They attract and repel each other.

5. What happens when you put two **south** poles together?
 - a. They repel each other.
 - b. They attract each other.
 - c. They attract and repel each other.

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6. Do compasses look all alike?
- Yes, all compasses look the same.
 - No, some compasses can be made with various objects, such as magnets.
7. Does every magnet have a force field?
- Yes, the force field has a north pole and a south pole.
 - No, some magnets are not strong enough to have a north pole and south pole.
8. The same end of every free-rotating magnet points to_____.
- A compass
 - North pole of Earth
 - West

Directions: Write in the letters “N” and “S” to show where the North Pole and South Pole are located.

9.



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