

# 6

## MAGNETISM

Name: ..... Class: .....

**1** Write the opposite of each word. Then, use both words in a sentence.

a) west - \_\_\_\_\_

\_\_\_\_\_

b) permanent - \_\_\_\_\_

\_\_\_\_\_

c) open - \_\_\_\_\_

\_\_\_\_\_

d) natural - \_\_\_\_\_

\_\_\_\_\_

e) South Pole - \_\_\_\_\_

\_\_\_\_\_

**2** Find five words from the unit that begin with the word MAGNET. You may have to add another word. Write a definition for each one.

- magnetic: \_\_\_\_\_: related to magnets
- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_
- \_\_\_\_\_: \_\_\_\_\_

**3** Draw an electromagnet that includes the items from the box.

electric current   copper wire   power source   iron   N pole   S pole

# 6

## MAGNETISM

Name: .....

Class: .....

### 1 Explain why each sentence is incorrect.

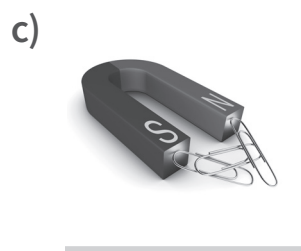
- a) We can use a magnet to find a lost gold ring on the beach.  
 As gold is not a magnetic metal, we cannot use a magnet to find it.  
 \_\_\_\_\_
- b) To turn on an electromagnet, the electric circuit must be open.  
 \_\_\_\_\_
- c) On a compass, the compass rose points in the direction you are facing.  
 \_\_\_\_\_
- d) The N pole of one magnet will attract the N pole of another.  
 \_\_\_\_\_
- e) A compass needle points to the Earth's South Pole.  
 \_\_\_\_\_

### 2 Write a definition for the item shown in each photo.



\_\_\_\_\_

\_\_\_\_\_



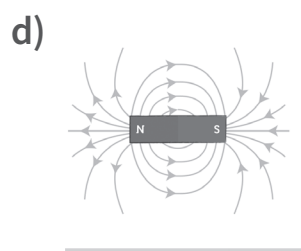
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