

Name: _____

Date: _____

Name of Teacher: _____

Section: _____

**DEPARTMENT OF EDUCATION - NATIONAL CAPITAL REGION
SCHOOLS DIVISION OF PASAY CITY**

**SUMMATIVE TEST 1 IN SCIENCE 4
THIRD QUARTER**

DIRECTIONS: Match the force to be applied listed in column B to change the size of the object in column A.

A

1.  ceramic flower vase

B

A. cutting

2.  pork

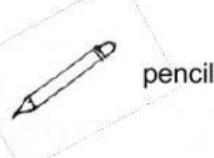
B. grinding

3.  garlic

C. dropping

4.  wood

D. sharpening

5.  pencil

E. pounding

DIRECTIONS: Write TRUE if the statement is correct and FALSE if incorrect.

6. It requires a greater force to move a table than a chair.

7. A toy car will move farther when the force applied is stronger.

8. A soccer ball will travel a shorter distance when kicked harder.

9. The harder you pull a rubber band the longer it will be stretched.

10. Force does not affect the movement of an object.

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DIRECTIONS: Check (✓) the box before each number if the statement is true about magnets and magnetic force and write (X) if false.

- 11. Magnets do not attract all metals.
- 12. The magnetic force is strongest between the two poles of a magnet.
- 13. The magnetic field can be found only in the South Pole.
- 14. In a magnet, the same poles repel while unlike poles attract.
- 15. Magnetic field is the portion around the magnet where there is a magnetic force.

DIRECTIONS: Choose the letter of the best answer.

18. Which of the following contains a magnet?



19. These materials use a magnet. What is the name of these particular material?



20. Which transportation material uses magnets?



Prepared by:

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**SUMMATIVE TEST NO. 2 IN SCIENCE 4
THIRD QUARTER**

Directions: Check (✓) the box before each number if the statement is true about magnets and magnetic force.

1. Magnets do not attract all metals.
2. The magnetic force is strongest between the two poles of a magnet.
3. The magnetic field can be found only in the South Pole.
4. In a magnet, the same poles repel while unlike poles attract.
5. Magnetic field is the portion around the magnet where there is a magnetic force.

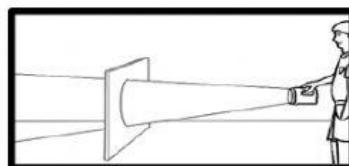
Directions: Identify if the situation given shows conduction, convection, or radiation.

6. Stirring a hot cup of coffee using a metal spoon.
7. Sunbathing on the beach.
8. The sun's ultraviolet rays reach the surface of the earth.
9. The movement of warm air and cold air in the atmosphere.
10. Heat travelling through a copper wire

Directions: Put a check mark inside the box that describes what happen to light as it strikes on the following objects.

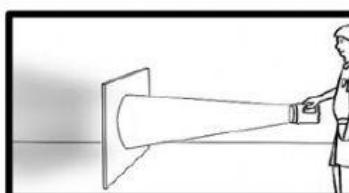
11. Transparent Object

- A. the light passes through
- B. the light is blurred
- C. the light is blocked



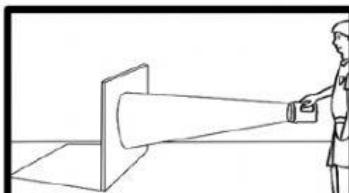
12. Translucent Object

- A. the light passes through
- B. the light is blurred
- C. the light is blocked



13. Opaque

- A. the light passes through
- B. the light is blurred
- C. the light is blocked



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Directions: Study and analyze the chart below. Read each question and encircle the letter of the correct answer.

