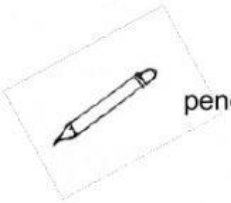
Name: _____ **Date:** _____

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	B
_____1. ceramic flower vase	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.

LIVEWORKSHEETS

Name: _____ **Date:** _____

Name of Teacher: _____ **Section:** _____

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.

16. If a boy will have to kick one object, which one from the list below will move the farthest upon kicking?
    A. golf ball
    B. soft ball
    C. tennis ball
    D. shut put ball

17. Suppose you push a door and your friend is on the other side pushing the door. How will you describe the force and the effect of your actions to the doors?
    A. The door will push you both.
    B. The door will push your friend away from you.
    C. The force is unbalanced and the door may break.
    D. The force is balanced and the door does not move.

18. Which of the following contains a magnet?

A.

C.

B.

D.

19. These materials use a magnet. What is the name of these particular material?
    A. mirror
    C. ID lace
    C. socks
    D. name tag

20. Which transportation material uses magnets?

A.

C.

B.

D.

Prepared by:

KAREN I. MACEDA
Rafael Palma Elementary School

LIVEWORKSHEETS

Name: _____ **Date:** _____

Name of Teacher: _____ **Section:** _____

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

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.

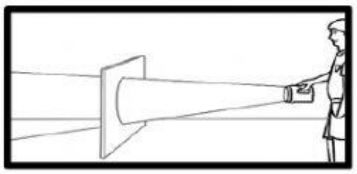
1. ☐ Magnets do not attract all metals.
2. ☐ The magnetic force is strongest between the two poles of a magnet.
3. ☐ The magnetic field can be found only in the South Pole.
4. ☐ In a magnet, the same poles repel while unlike poles attract.
5. ☐ Magnetic field is the portion around the magnet where there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

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

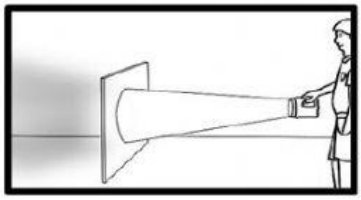
_____6. Stirring a hot cup of coffee using a metal spoon.
_____7. Sunbathing on the beach.
_____8. The sun's ultraviolet rays reach the surface of the earth.
_____9. The movement of warm air and cold air in the atmosphere.
_____10. Heat travelling through a copper wire

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

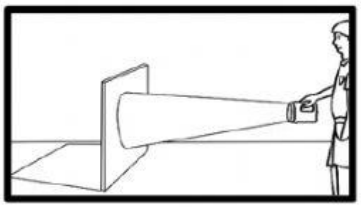
11. **Transparent Object**
☐A. the light passes through
☐B. the light is blurred
☐C. the light is blocked



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

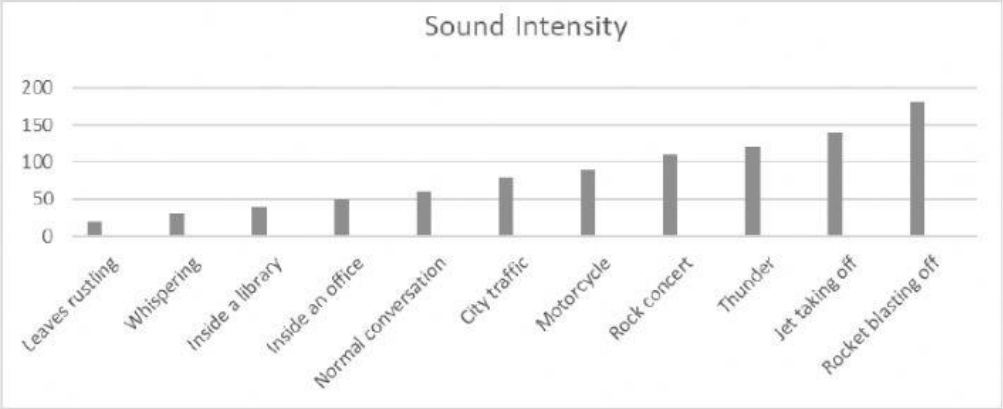


LIVEWORKSHEETS

Name: _____ **Date:** _____

Name of Teacher: _____ **Section:** _____

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



14. What is the graph all about?
    A. light
    B. sound waves
    C. speed of light
    D. intensity of some sounds

15. Which sound has the highest intensity?
    A. thunder
    B. city traffic
    C. leaves rustling
    D. rocket blasting off

16. Which sound has the lowest intensity?
    A. thunder
    B. motorcycle
    C. leaves rusting
    D. inside a library

17. If you combine the intensity level of whispering and motorcycle, what is the total intensity level of sound?
    A. 50 dB
    B. 120 dB
    C. 200 dB
    D. 100 dB

18. Why is it not safe to hear high intensity level of sound?
    A. It can damage the ear drum.
    B. It can damage your eyesight.
    C. It can make you healthy.
    D. all of the above

19. Which of the following statements is TRUE?
    A. Sound cannot travel through air.
    B. Light always travel in a straight line.
    C. Sound travels faster in air than in solids.
    D. Heat transfer through liquid is known as radiation.

20. Which of the following materials can be used to protect ourselves from excessive heat and light?
    A. bracelet B. head band C. hat D. perfume

LIVEWORKSHEETS