

NTI DAY 6



Harrison County Schools

Name: _____

Grade: 4th

Teacher: _____

Please complete within one week of the NTI day.

Day 6 Checklist

Math

Performance Task OR 30 minutes of Math on EXACT PATH.

Number of the Day (If you choose the EXACT PATH option, you DO NOT have to complete Number of the Day.)

Date for Exact Path: _____

Time: _____ to _____

Reading

Device May Help Blind People See OR 30 minutes of Reading on EXACT PATH.

Kinds of Sentences

Date for Exact Path: _____

Time: _____ to _____

PE/Health

Name: _____ Date: _____

Standard: 4.NBT.1

I Can Statement: I can explain that in a multi-digit whole number, a digit in one place represents ten times what it represents in the place to its right.

Performance Task:

1. While working on an assignment, Mark writes the following as an answer to a question:

I know that 89,856 is larger than 615,520 because the 8 in the first number is greater than the 6 in the second number.

Do you agree with Mark's statement? Explain your thinking with words or pictures.

2. Compare and contrast the 3 in the following numbers.

3,561

378

Name: _____
Date: _____

Number of the Day:
592,216

Using the last 2 digits,
write prime or composite.

Write in expanded form:

Write in written form:

ODD OR EVEN?

Take the digit in the ones place and write 10 multiples for that number:
_____, _____, _____, _____, _____, _____, _____, _____, _____, _____

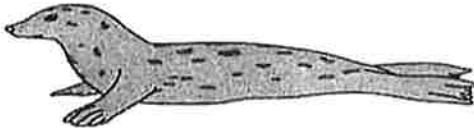
~~MULTIPLY THE DIGITS:~~

Round the number to the nearest place.
Tens: _____
Hundreds: _____
Thousands: _____

Multiply by the following.
10: _____
100: _____
1,000: _____



Tell 2 ways to make the number:



Take 2 digits from the number and make a new 2 digit number. Tell if it is prime or composite. If composite, write 2 factors for the number.
New number: _____

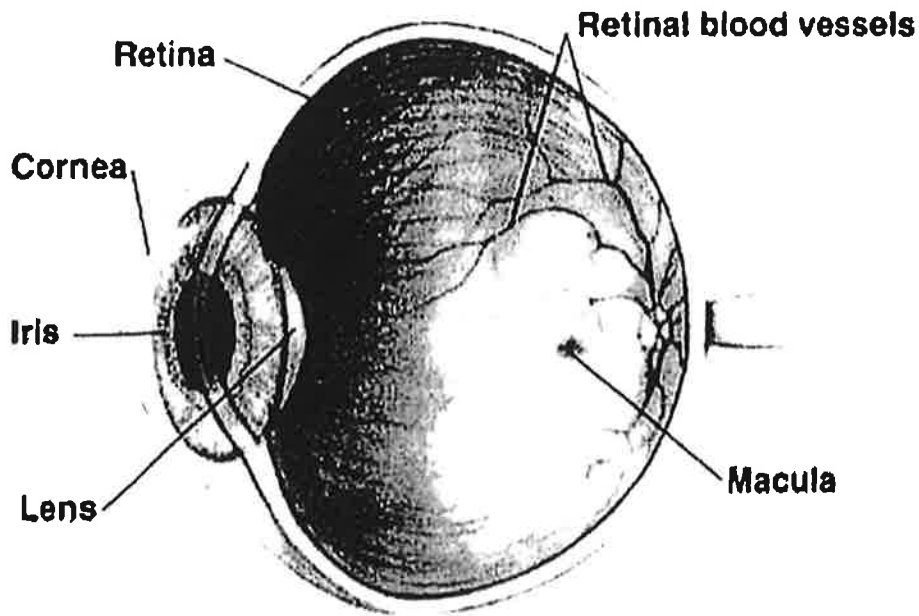
Prime or Composite
_____ X _____ = _____

Put the Number of the Day in the correct place value below.

Millions			Thousands			Ones		
Hundred	Ten	One	Hundred	Ten	One	Hundred	Ten	One

RI 4.2

Device May Help Blind People See



parts of the human eye

Inventors in Belgium have created a device that might enable thousands of blind people to see. The invention includes a small video camera mounted on eyeglasses.

Blindness can occur for many different reasons. One reason is damage to the retina, the membrane that lines the inner eyeball. The retina picks up visual messages in the form of light. Then it sends those messages to the brain through the optic nerve. If a person's retina is not working, messages are not sent to the brain.

The Belgian scientists created a tiny electronic device that takes over for a damaged retina. They implant the device inside the blind person's head, just behind the eye. The patient wears a pair of glasses with a little video camera mounted on them. The camera takes pictures and sends the images to the implant in the head. Then the implant electronically stimulates the optic nerve, sending the visual images to the brain. The scientists have tested the device in two patients. The results have been promising.

Name: _____ Date: _____

1. The main idea of this passage is
 - A. scientists in Belgium are concerned about the visually impaired.
 - B. scientists have tested their device on two patients.
 - C. scientists invented a device to help blind people see.
 - D. many people are blind from a damaged retina.

2. Which of the following does not necessarily support the main idea?
 - A. The scientists are in Belgium.
 - B. The device includes special glasses for the patient to wear.
 - C. Scientists need to implant a device behind the patient's eye.
 - D. The device sends messages to the optic nerve.

3. Before the device stimulates the optic nerve,
 - A. a visual message goes to the brain.
 - B. the person is aware of what he or she is seeing.
 - C. a camera is mounted on glasses.
 - D. all of the above.

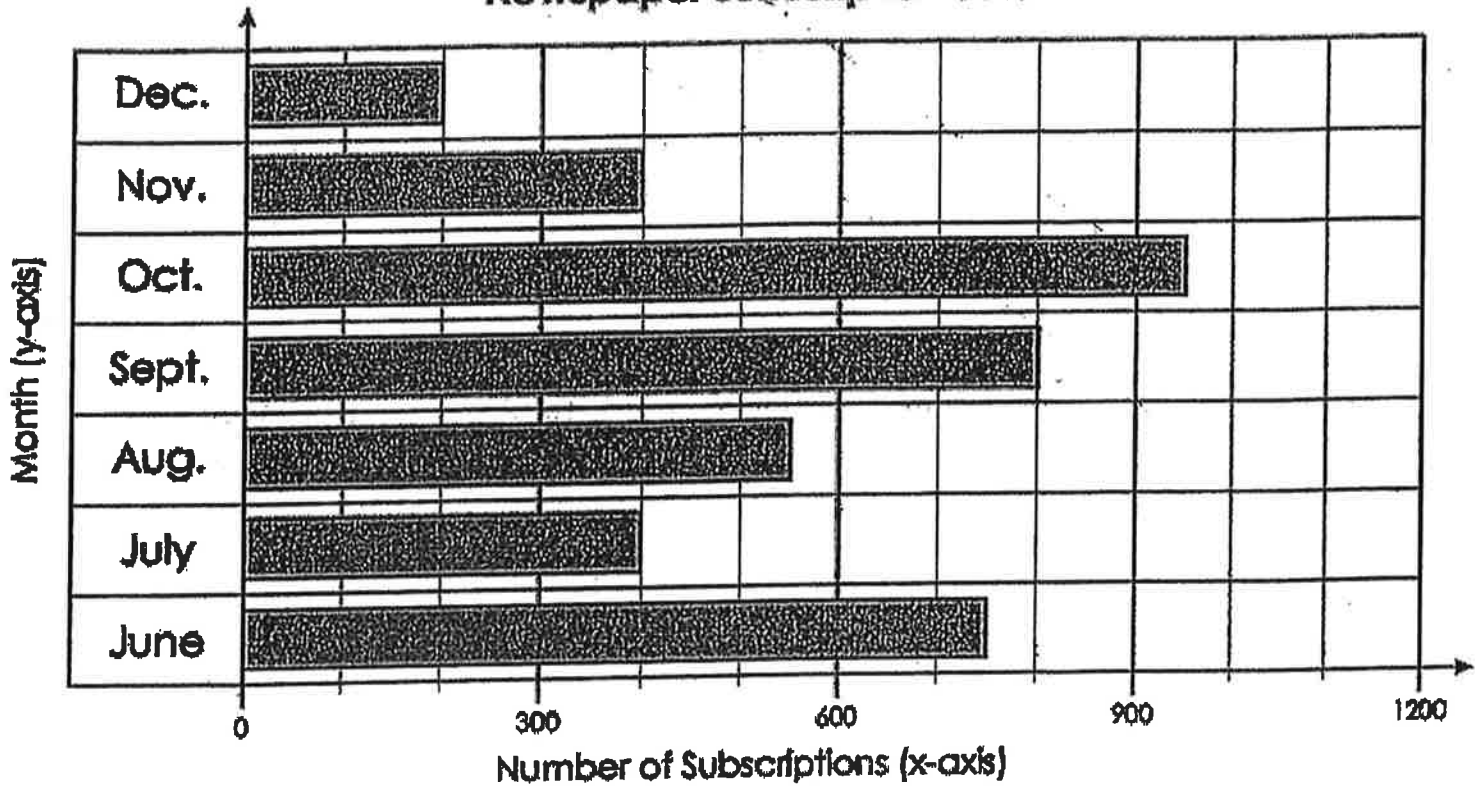
4. The retina
 - A. sends message to the brain.
 - B. picks up visual information as light.
 - C. determines what color eyes you have.
 - D. protects the eye.

5. List a detail and explain how it supports the main idea.

This test section contains one or two reading selection(s) with several multiple-choice, open-response, and short-answer questions. Please mark your answer for each multiple-choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.

The local newspaper keeps track of how many subscriptions are sold each month. Use the graph below to answer the questions.

Newspaper Subscription Sales



PLEASE GO ON TO THE NEXT PAGE →

READING MULTIPLE CHOICE QUESTIONS

Please mark your answer for each multiple-choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.

1. How many newspaper subscriptions were sold in October? *(RI 4.7)*
 - a. 900
 - b. 950
 - c. 600
 - d. 925

2. In which month was the least amount of newspapers sold? *(RI 4.7)*
 - a. July
 - b. December
 - c. November
 - d. August

3. Using the Newspaper graph, what is one thing you cannot find out? *(RI 4.7)*
 - a. Number of newspapers sold in March.
 - b. How many newspapers were sold in June and July.
 - c. How many papers were sold in October, November, and December.
 - d. Which month sold 200 newspapers.

4. What does the title of the graph tell the reader? *(RI 4.7)*
 - a. Which months that sold the most newspapers.
 - b. How many newspapers were sold for the 2011 year.
 - c. Newspapers subscription sales.
 - d. The days on which the most papers were sold.

PLEASE GO ON TO THE NEXT PAGE →

4 KINDS OF SENTENCES

1. A **declarative sentence** tells something. It ends with a period (.).
2. An **interrogative sentence** asks something. It ends with a question mark (?).
3. An **imperative sentence** makes a polite request or gives a command. It usually ends with a period.
4. An **exclamatory sentence** expresses joy, surprise, anger, excitement, or other strong feeling. It ends with an exclamation point (!).



Look at the sentences below. Decide which kind of sentence each one is. Write D for declarative, INT for interrogative, IMP for imperative, and E for exclamatory. Punctuate each sentence.

- | | |
|---------------------------------------|---|
| 1. _____ Have you seen that movie | 8. _____ Call me when you're ready |
| 2. _____ What a good job you did | 9. _____ When is your birthday |
| 3. _____ The puppy ate my shoe | 10. _____ My favorite snack is candy |
| 4. _____ How hot this sidewalk is | 11. _____ I can't believe you said that |
| 5. _____ Where is Disneyland | 12. _____ What a happy baby she is |
| 6. _____ Take out the trash | 13. _____ Where is your bike |
| 7. _____ Phoenix is a city in Arizona | 14. _____ Please put the dishes away |

Write your own example of each kind of sentence.

1. declarative: _____

2. interrogative: _____

3. imperative: _____

4. exclamatory: _____

NTI Day 6

PE/Health

As part of your NTI Day 6 packet, PE and Health has been designated as your special for the day. For today's lessons, students will be performing various physical activities and some worksheets dealing with health/safety.

For the PE side, students will perform various physical activities and record their data on the attached physical activity log. Students are required to perform at least 30 minutes of moderate to vigorous activity. This 30 minutes does not have to be completed all at once. It can be broken down into 5-10 minute intervals, but must total 30+ minutes of activity for the day. Students will write down the type of activity they participated in, how long they did it, and how intense the activity was.

For the Health part of the lessons, students will learn about the benefits of nutrition and the importance of physical activity. Please see the break down of assignments below and have your child complete the assignments for his/her grade level:

Kindergarten – Activity Log

Animal and Plant Food Activity Sheet
Valuable Vitamins

1st Grade – Activity Log

Fire Puzzle Sheet
Fire Drill Plan
Danger! Thin Ice

2nd Grade – Activity Log

Nutrition Word Search
Types of Movement

3rd Grade – Activity Log

Aerobic Benefits/Questions
Calorie Burner Chart/Questions

4th Grade – Activity Log

Why Should You Exercise:
Why You Need Physical Activity

5th Grade – Activity Log

Youth Physical Activity:
Guidelines and Benefits
Guidelines and Benefits Questions

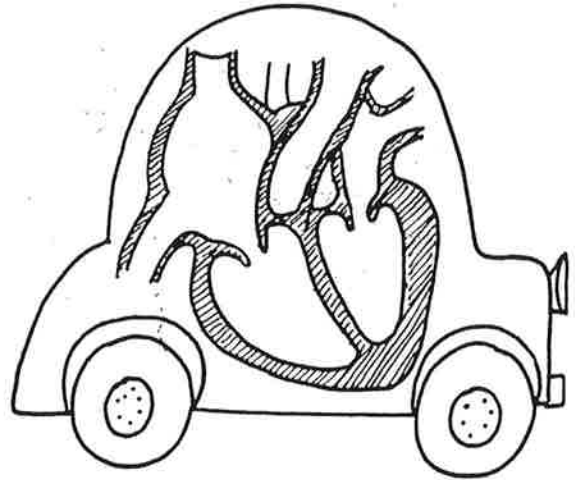
Name _____

Why Should You Exercise?

Do you know that the human body and a car have something in common? Both need tune-ups to work efficiently. Just as a car engine needs oil to make the parts go, a body needs oxygen to work. Exercise helps bring more oxygen to the body. So you might say that exercise is a tune-up for the body.

Not only does exercise help the body by increasing the flow of oxygen, but it helps the heart, too. Even a simple walk can make the heart pump faster. By pumping faster, the heart works harder and becomes stronger. Therefore, exercise can help keep your heart young and healthy.

Besides these two very important reasons to exercise, activity can help a person feel better. Exercise such as swimming, bicycling, and walking can be fun and relaxing. Experts say that exercise reduces stress and makes a person more cheerful.



Remember, your body, like a car, is made to move. When it doesn't, things start to break down. It's up to you to make sure that your body is in top condition.

1. In one paragraph, summarize the main idea of this article.

2. Why is your body like a car? _____

3. What three important benefits does exercise give you?

4. What is oxygen? _____



Why You Need Physical Activity

Physical activity helps you be healthy. There are **physical, social, and emotional reasons** to keep active. The physical reasons are about your **body**. Social reasons are about your **relationships with other people** and emotional reasons deal with how you feel about yourself.

YOUR PHYSICAL HEALTH

Now that you know about the five components of physical fitness, it should be easy for you to list the ways activity keeps you physically healthy.



- Physical activity builds muscular strength
- Physical activity builds muscular endurance
- Physical activity improves flexibility
- Physical activity improves cardiorespiratory endurance
- Physical activity helps control your weight

When you are physically fit

- You are stronger
- You have more endurance
- You look not too fat, not too thin
- Your body is able to fight off disease
- You are less likely to get serious injuries
- Your **coordination** improves



OBESITY

In the 21st Century, people worry a lot about **obesity**, especially childhood obesity. (*Obesity* means having too much fat on your body.) Being obese makes it difficult for your heart and lungs to work properly. Your joints are at greater risk of injury. Obesity can lead to heart disease, diabetes, and cancer.

If you are obese, physical exercise is important in helping you lose some fat. Of course, you need to improve your eating habits, as well. Stay away from snacks and eat healthy foods.

NTI Day Activity Log:

Type of Activity:	Length of Activity:	Intensity: (Low, Moderate, High)	Parent/Guardian Signature:

Examples of Activities:

Running or jogging, walking, sledding, snowboarding, yard work, shoveling the driveway, stretching, push-ups, crunches, dancing, sport activities or practice, or any other physical activity that you may do during the day.
