

Fourth Grade  
Blizzard Bag  
Day 8

# Blizzard Bag

## Day 8

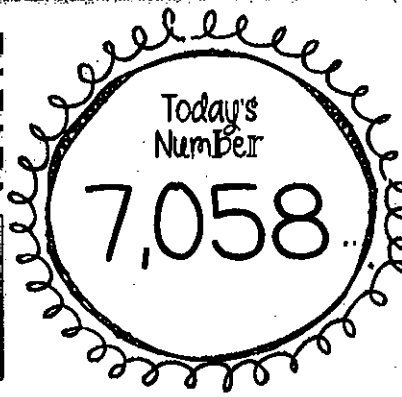
Directions: Check the circle as you complete each assignment.

- Morning Math sheet - Today's Number 7,058
- Read poem A Bird Came Down the Walk  
Questions # 31-37
- ELA - The Important Apostrophe: Their, They're, and There
- Blizzard Bag #8 Math Review
- Social Studies - North Carolina Settlements
- Science - Magnets

Name: \_\_\_\_\_

Write in expanded form.

Write in word form.



What is the value of the 5?

Is this number odd or even?

complete the place value table.

| Thousands | Hundreds | Tens | Ones |
|-----------|----------|------|------|
|           |          |      |      |

What is...

100 more \_\_\_\_\_

100 less \_\_\_\_\_

1,000 more \_\_\_\_\_

1,000 less \_\_\_\_\_

### Add 'em up!

Add the first two digits to the last two digits to find the sum.

\_\_\_\_\_

+ \_\_\_\_\_

\_\_\_\_\_

### Compare Numbers

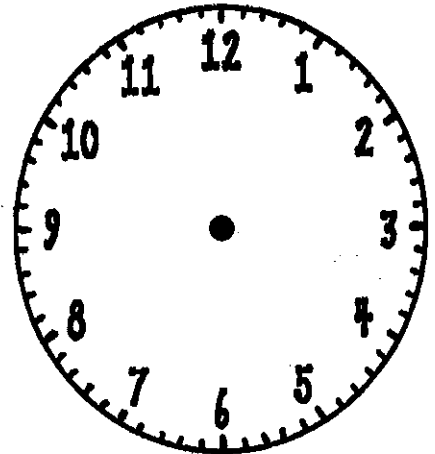
Compare the first 2 digits with the last 2 digits using >, <, or =.

\_\_\_\_\_ ○ \_\_\_\_\_

### What time is it?

Use the digit in the thousands place for the hour. Use the hundreds and tens place for the minutes.

Draw the hands on the clock.



Write the time.

\_\_\_\_\_ : \_\_\_\_\_

### Making New Numbers

Rearrange the digits in the number of the day to create new numbers.

What is the LARGEST number you can make? \_\_\_\_\_

What is the SMALLEST number you can make? \_\_\_\_\_

Make 5 other numbers.

\_\_\_\_\_

Put those 5 numbers in order from LEAST to GREATEST.

\_\_\_\_\_

m. Then answer the questions that follow.

## A Bird Came Down the Walk

*"A Bird Came Down the Walk" from Poems of Emily Dickinson  
by Emily Dickinson, published by Roberts Brothers, 1892.*

A Bird came down the walk—  
He did not know I saw;  
He bit an angleworm in halves  
And ate the fellow, raw.

5 And then he drank a dew  
From a convenient grass,  
And then hopped sidewise to the wall  
To let a beetle pass.

10 He glanced with rapid eyes  
That hurried all abroad—  
They looked like frightened beads, I thought—  
He stirred his velvet head—

15 Like one in danger; cautious,  
I offered him a crumb,  
And he unrolled his feathers  
And rowed him softer home

20 Than oars divide the ocean,  
Too silver for a seam,  
Or butterflies, off banks of noon,  
Leap, plashless, as they swim.

**Go On**

## The Important Apostrophe: Their, They're, and There

The words *their*, *they're*, and *there* are often confused. They sound the same, but they have entirely different meanings. *Their* is possessive, showing something that belongs a group of people: they. *They're* is a contraction of the words *they are*. The apostrophe shows that the letter 'a' is missing. *There* is an adverb that shows a location or a pronoun that works at the beginning of a phrase or sentence.

Tip: To know which word is correct, try the sentence using the words *they are*. If the sentence makes sense, then *they're* is the correct usage. If the sentence does not make sense, see if the the sentence is speaking about something belonging to someone or something. In that case use *their*. If the sentence is talking about a location, use *there*. If the word is used with a form of the verb to be, such as *is*, *are*, *were* or *was*, you also use *there*.

Part I. Read each sentence below. If *their*, *they're* or *there* is used correctly in the sentence, circle *right* in the blank. If *their*, *they're* or *there* is not used correctly, circle *wrong*.

- |   |       |       |
|---|-------|-------|
| 1. The band likes to play their original songs.           | right | wrong |
| 2. They're flying kites in the park.                      | right | wrong |
| 3. There is a monster in the closet.                      | right | wrong |
| 4. No one likes there secrets told.                       | right | wrong |
| 5. Sophie asked if they're would be clowns at the circus. | right | wrong |
| 6. There best ideas were written on the whiteboard.       | right | wrong |
| 7. Don't go there.  | right | wrong |
| 8. They're are many reasons to learn a foreign language.  | right | wrong |

Part II. In the blanks below, write the correct word: *their*, *they're* or *there*.

- The family likes to eat \_\_\_\_\_ dinner early.
- Do you know if \_\_\_\_\_ in the cafeteria?
- If you go to New York City, you will see many tall buildings \_\_\_\_\_.
- Let me know when \_\_\_\_\_ ready to leave.
- Everyone should be on \_\_\_\_\_ best behavior.
- \_\_\_\_\_ the best neighbors in the world.
- They will tell you if \_\_\_\_\_ are pieces missing.
- My dogs often sleep in \_\_\_\_\_ doghouse.

**TEST NAME: Blizzard Bag #8**  
**TEST ID: 897509**  
**GRADE: 04 - Fourth Grade**  
**SUBJECT: Mathematics**  
**TEST CATEGORY: School Assessment**

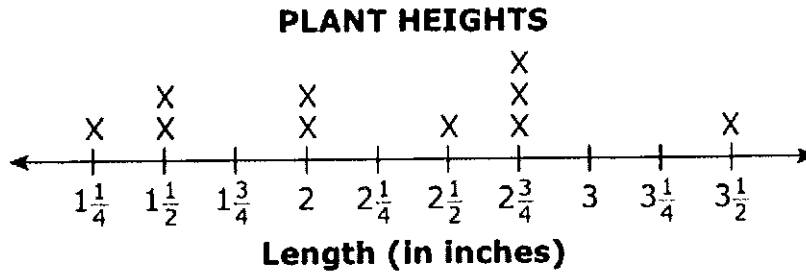
Student:

Class:

Date:

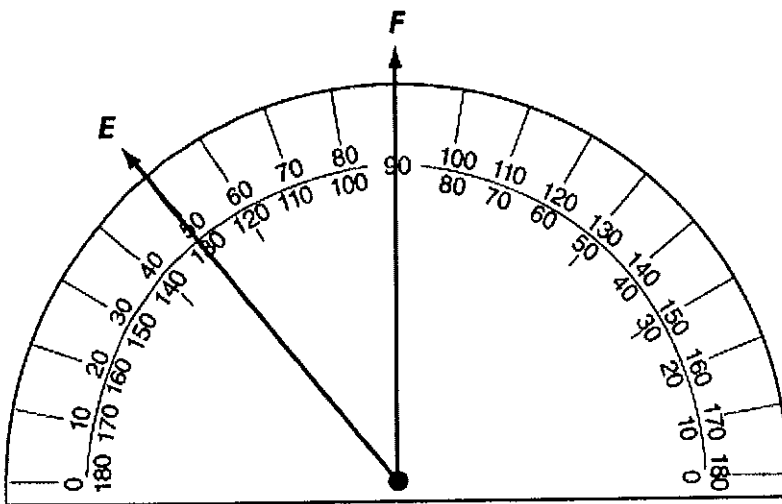
1. **Nicole finished with cheerleading practice at 3:45 p.m. The practice lasted 1 hour and 10 minutes. What time did cheerleading practice begin?**
  - A. 2:35 p.m.
  - B. 2:55 p.m.
  - C. 3:35 p.m.
  - D. 4:55 p.m.
  
2. **A girl is gluing yarn around the edge of a piece of paper. She uses 152 inches of yarn and the paper is 28 inches wide. How long is the paper?**
  - A. 48 inches
  - B. 62 inches
  - C. 96 inches
  - D. 124 inches
  
3. **Ann's rectangular garden is 6 feet long and 4 feet wide. What is the area of her garden?**
  - A. 10 square feet
  - B. 20 square feet
  - C. 22 square feet
  - D. 24 square feet

4. Students recorded the height, in inches, of ten plants from their science experiment. They displayed the data on the line plot below.



What is the difference, in inches, between the heights of the tallest and shortest plants?

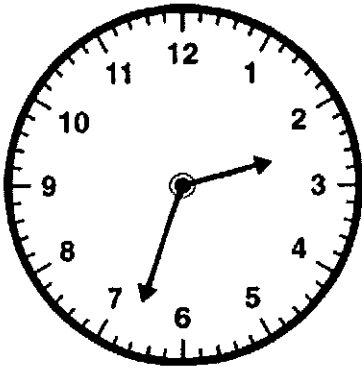
- A.  $\frac{1}{4}$  inch
- B.  $1\frac{1}{2}$  inches
- C. 2 inches
- D.  $2\frac{1}{4}$  inches
5. How many one-degree angles are within  $\angle EOF$ ?



- A. 4
- B. 40
- C. 90
- D. 320

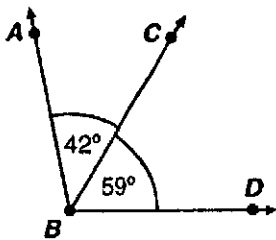


6. The hands on the clock below form two angles.



Which estimate most closely represents the size of the smaller of the two angles formed by the hands?

- A. About  $22^\circ$ , because the angle formed between the 2 and the 6 is  $20^\circ$ .  
B. About  $45^\circ$ , because the longer hand is about halfway between the 5 and the 8, which forms a  $90^\circ$  angle.  
C. About  $98^\circ$ , because the space between the 2 and the 5 forms an angle about  $8^\circ$  larger than  $90^\circ$ .  
D. About  $135^\circ$ , because the space between the 2 and the 5 forms a  $90^\circ$  angle and half of the space between the 5 and the 8 is  $45^\circ$ .
7. What is the measure of Angle  $ABD$ ?



- A.  $7^\circ$   
B.  $17^\circ$   
C.  $91^\circ$   
D.  $101^\circ$
8. How many times greater is the value of 6 in 3,620 than in 3,156?
- A. 10  
B. 54  
C. 100  
D. 594
9. Shawn has 2 more pencils than his brother Jake. Jake has 15 pencils. Which correctly compares the numbers of pencils that Shawn has with the number of pencils that Jake has?
- A.  $15 > 13$   
B.  $15 < 17$   
C.  $15 < 13$   
D.  $15 > 17$

10. Susan found a stone with a weight of 315 grams. **About** how much does the stone weigh?
- A. 215 grams
  - B. 300 grams
  - C. 350 grams
  - D. 400 grams

11. What is the sum of 77 and 8061?

- A. 8831
- B. 8138
- C. 8148
- D. 7984

12. 
$$\begin{array}{r} 7306 \\ + 595 \\ \hline \end{array}$$

- A. 7801
- B. 7891
- C. 7901
- D. 7991

13. Janet picked peaches from the orchard. Only eighteen peaches will fit in a bucket. She picked enough to fill twenty-seven buckets. How many peaches did Janet pick in all?

- A. 600
- B. 486
- C. 396
- D. 394

14. What is the product of 47 and 53?

- A. 2,480
- B. 2,491
- C. 2,662

15.  $624 \div 4 = \square$

- A. 136
- B. 146
- C. 156
- D. 166

16. There were 1,250 students participating in a race. The race was held over 5 days. An equal number of students ran the race each day. How many students ran each day?

- A. 470
- B. 400
- C. 350
- D. 250

17. Look at the equation below.

$$72 = 9 \times 8$$

Which statement best represents this equation?

- A. The number 8 is 72 times more than 9.
- B. The number 72 is 9 times as many as 8.
- C. The number 9 is 8 less than 72.
- D. The number 72 is 9 more than 8.

18. Ms. Singh has 8 boxes of pencils. Each box has 144 pencils. Which equation could be used to find  $p$ , the total number of pencils in these boxes?

- A.  $p \div 8 = 144$
- B.  $144 - p = 8$
- C.  $p \times 8 = 144$
- D.  $144 + 8 = p$

19. Three years ago, the orange tree in Wen's garden had 12 oranges. This year, the tree had nine times as many oranges. If  $G$  is the number of oranges, which equation could be used to find out how many oranges grew on the tree this year?

- A.  $G = 12 \times 9$
- B.  $G = 12 + 9$
- C.  $G = 12 - 9$
- D.  $12 - G = 9$

20. **Ralph has 10 stickers. Judy has 3 stickers. Maria has more stickers than both Ralph and Judy together. How many stickers could Maria have?**
- A. 5
  - B. 8
  - C. 11
  - D. 14
21. **Mrs. Smith is taking Bobby and 13 friends bowling. Some of Mrs. Smith's friends help drive the children to the bowling alley. Each car holds 5 people including the driver. How many cars are needed to get all the children to the bowling alley?**
- A. 5
  - B. 4
  - C. 3
  - D. 2
22. **Last week, 126 students signed up for swimming lessons. Coach Lam will teach 4 classes and coach Dorn will teach 3 classes. If all classes have the same number of students, how many students will be in each swimming class?**
- A. 18
  - B. 23
  - C. 31
  - D. 42
23. **Ms. Saunders wrote a mystery number on the board. The mystery number has 5 pairs of factors. Two of its factors are 3 and 8. Which number could be the mystery number?**
- A. 24
  - B. 36
  - C. 38
  - D. 48
24. **Which even number is prime?**
- A. 2
  - B. 8
  - C. 12
  - D. 16

25. Which pattern uses the rule "add 3, multiply 2"?

- A. 2, 5, 10, 12, 36, 39, 78
- B. 2, 5, 10, 13, 15, 30, 33
- C. 2, 5, 10, 13, 26, 29, 58
- D. 2, 5, 10, 20, 23, 26, 52

BLIZZARD BAG DAY 8 4<sup>TH</sup> GRADE SOCIAL STUDIES

Read the passage and answer the questions.

North Carolina was first settled in 1587. 121 settlers led by John White landed on present-day Roanoke Island on July 22, 1587. It was the first English settlement in the New World. On August 18, 1587, White's daughter gave birth to Virginia Dare, the first English child born in the New World. By 1590, however, all of the colonists on the island had disappeared. To this day, no one knows what happened to them, though some believe they integrated with and were absorbed by one of the local tribes. Today, the colony is referred to as "The Lost Colony".

The first permanent English settlement in North Carolina occurred in 1655 when Nathaniel Batts, a Virginia farmer, migrated to an area just south of Virginia with the hopes of finding suitable farmland.

In 1663, King Charles II awarded eight noblemen called the Lord Proprietors the Province of Carolina (named after the King) in appreciation of their efforts in helping him regain the throne of England. At the time, the Province of Carolina included both present-day North and South Carolina.

In 1665, Sir John Yeamans established a second permanent colony in North Carolina on the Cape Fear River near present-day Wilmington. In 1670, a settlement near present-day Charleston, South Carolina (Charles Town) was established. This settlement grew quickly because it had a natural harbor and allowed easy access to trade with the West Indies. Charles Town soon became the principal seat of government for the entire region. Because of the distance between Charles Town and points in the northern part of the colony, the terms "North Carolina" and "South Carolina" came into use.

In 1729, the Lord Proprietors sold their interests in the Carolina colony back to the English Crown, and North and South Carolina became separate royal colonies.

1. The colony at Roanoke Island was.....
  - A.  washed away by a hurricane.
  - B.  The last English settlement in the New World
  - C.  permanent
  - D.  the first English settlement in the New World
  
2. What definitely happened at Roanoke Island?
  - A.  They were killed by a hurricane
  - B.  Everyone had disappeared by 1587
  - C.  The settlers integrated with a local tribe
  - D.  The first English child in the New World was born

3. Why did King Charles II award the Lord's Proprietors the Province of Carolina?

- A.  He wanted to take over the New world.
- B.  He was interested in making a lot of money
- C.  He was grateful to them.
- D.  He was afraid of them

4. Who was the first person to establish a permanent settlement in North Carolina?

- A.  John Yeamans
- B.  The Lord's Proprietors
- C.  John White
- D.  Nathaniel Batts

5. What question is answered in the second paragraph?

- A.  Why did Nathaniel Batts migrate to North Carolina?
- B.  Who was John White?
- C.  Why was Nathaniel Batts a farmer?
- D.  How successful was Nathaniel Batts?

6. Where was North Carolina's second permanent settlement?

- A.  Charles Town
- B.  The Lost colony
- C.  Roanoke Island
- D.  on the Cape Fear River

7. Why did Charles Town grow quickly?

- A.  It was warm and sunny
- B.  Its harbor was close to the West Indies
- C.  People were given large land-grants
- D.  Its harbor was close to inland river ports

# Magnets

**Magnetism** is the invisible force that makes magnets pull (attract) or push (repel) each other. Magnetism cannot be seen, but it can be felt. Magnetism also makes a compass point toward the north. A compass is contained in a nonmagnetic case. It has a needle (a thin magnet that looks like a needle). The north-seeking end of the needle swings toward the North Pole, and the south-seeking end swings toward the South Pole. This is how a compass gives direction.

A **force field** is the area around a magnet where the magnet can attract or repel. This is how the magnet exercises its force. The force field grows weaker as you move farther from the magnet. A **pole** is one of two areas where a magnet is particularly forceful. The poles are always at the ends of a magnet, just as the North Pole and the South Pole are at the ends of the earth. They are called poles because Earth itself is a magnet, with two poles, and influences all magnets.

Magnets can be bar-shaped, square, round, or shaped like a horseshoe. If a magnet is hung from a string so that the magnet is dangling freely, the magnet will always point in the same way. One end will point to the North

Pole, and the other end will point to the South Pole. **Unlike poles** (one points north; the other points south) will attract each other, while **like poles** (both point in the same direction) will repel each other. Another way to remember this is "opposites attract."

The relationship of magnetism to electricity is called electromagnetism. Like a magnet, an electric current has a magnetic effect. **Electromagnetism** is developed by electricity. Electromagnetism was discovered in the 1800s. A British man named Michael Faraday discovered how to create an electromagnet by moving an iron bar in and out of a coil of wire attached to an electrical current. Moving a loop of wire across a magnetic field also can create electromagnetism. This discovery led to electrical power plants and such fields as telecommunications.

An **electromagnet** is a magnet made with electricity. An electromagnet is made by winding or coiling wire around an iron bar and then attaching the wire to a battery. When the battery is turned on, the iron bar turns into a strong electromagnet. The magnet can be turned off by cutting off the electrical current.

## Exercise

1. What is magnetism? \_\_\_\_\_  
\_\_\_\_\_
2. What is a force field and what does it do? \_\_\_\_\_  
\_\_\_\_\_
3. What is a pole? \_\_\_\_\_  
\_\_\_\_\_
4. How does a compass work? \_\_\_\_\_  
\_\_\_\_\_