

# Blizzard Bag

## Day 1

## Grade 5

**Snow Day** \_\_\_\_\_

**Due Date** \_\_\_\_\_

**Name** \_\_\_\_\_ **Homeroom** \_\_\_\_\_

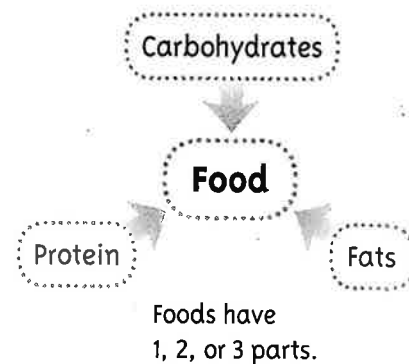
ELA RL3

# Savvy Shopper

How can the way data is presented help or confuse decision-making?

1 There are dozens and dozens of breakfast cereals that line supermarket  
2 shelves all around the country. So, how do savvy shoppers pick one that  
3 is not only healthy and tasty but also fits the family budget? One way  
4 shoppers can begin is to compare nutritional information.

5 Below is some information from the side panels found on most boxes  
6 of cereal. There are important details to examine both in the ingredients  
7 list and in the nutritional analysis. In this example, both wheat-based  
8 products are quite similar: Wheat-Shreds Sweet-n-Frostie Bites appears on  
9 the left, and Wheat-Shreds Original Spoonfuls appears on the right. Both  
10 cereals are small "pillows" made of woven strands of whole wheat. What  
11 distinguishes one cereal from the other? How can shoppers choose?



## Wheat-Shreds Sweet-n-Frostie Bites

### NUTRITION FACTS

Serving Size: 21 Biscuits (54g)

| Amount Per Serving            | Cereal        | with 1/2 cup skim milk |
|-------------------------------|---------------|------------------------|
| <b>Calories</b>               | 190           | 230                    |
| Calories from Fat             | 10            | 10                     |
|                               | % Daily Value |                        |
| <b>Total Fat</b> 1g           | 2%            | 2%                     |
| Saturated Fat 0g              | 0%            | 0%                     |
| Trans Fat 0g                  |               |                        |
| Polyunsaturated Fat 0.5g      |               |                        |
| Monosaturated Fat 0g          |               |                        |
| <b>Cholesterol</b> 0mg        | 0%            | 0%                     |
| <b>Sodium</b> 0mg             | 0%            | 3%                     |
| <b>Potassium</b> 200mg        | 6%            | 11%                    |
| <b>Total Carbohydrate</b> 46g | 15%           | 17%                    |
| Dietary Fiber 6g              | 23%           | 23%                    |
| Soluble Fiber less than 1g    |               |                        |
| Insoluble Fiber 5g            |               |                        |
| Sugars 1g                     |               |                        |
| <b>Protein</b> 5g             |               |                        |

### INGREDIENTS:

Whole grain wheat, sugar. Contains 2% or less of brown rice syrup, gelatin, BHT for freshness.

## Wheat-Shreds Original Spoonfuls

### NUTRITION FACTS

Serving Size: 1 cup (49g)

| Amount Per Serving            |                      |     |
|-------------------------------|----------------------|-----|
| <b>Calories</b> 170           | Calories from Fat 10 |     |
|                               | % Daily Value        |     |
| <b>Total Fat</b> 1g           |                      | 2%  |
| Saturated Fat 0g              |                      | 0%  |
| Trans Fat 0g                  |                      |     |
| <b>Cholesterol</b> 0mg        |                      | 0%  |
| <b>Sodium</b> 0 mg            |                      | 0%  |
| <b>Potassium</b> 170 mg       |                      | 5%  |
| <b>Total Carbohydrate</b> 40g |                      | 13% |
| Dietary Fiber 6g              |                      | 24% |
| Sugars 0g                     |                      |     |
| <b>Protein</b> 6g             |                      |     |

### INGREDIENTS:

Whole grain wheat. To preserve the natural wheat flavor, BHT is added to the packaging material.

Name \_\_\_\_\_ Date \_\_\_\_\_

# Savvy Shopper

► Answer each question. Give evidence from the data.

→ Use RACE for questions 3-5

1 How many grams of carbohydrates are in one serving of the Original Spoonfuls cereal?

- A. 13
- B. 40
- C. 46
- D. 49

What evidence in the text helped you answer? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

2 It takes a savvy shopper to spot differences among products. Which word best describes the decisions savvy shoppers usually make?

- A. disinterested
- B. foolish
- C. hasty
- D. informed

What evidence in the text helped you answer? \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

3 Compare the ingredients lists of both products. Summarize the differences. \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4 Suppose someone must follow a low-sugar diet. Which of these cereals would be the better choice? Explain.

\_\_\_\_\_  
\_\_\_\_\_

5 What is potentially misleading or confusing about comparing the nutritional information presented for these two products?

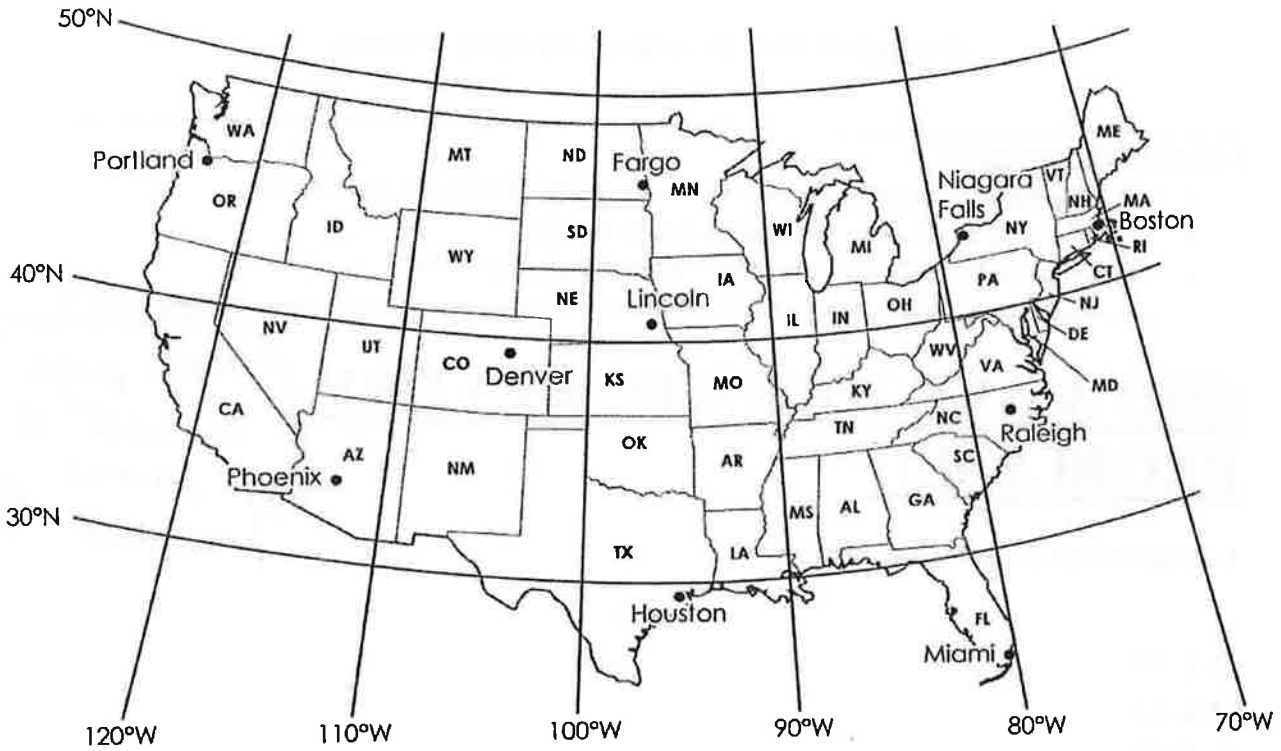
\_\_\_\_\_  
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R  
A  
C  
E  
  
R  
A  
C  
E  
  
R  
A  
C  
E

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

5.G.5

# Latitude and Longitude




Write the name of the city and state found at the given latitude and longitude coordinates.

1. 33°N latitude, 112°W longitude \_\_\_\_\_
2. 35°N latitude, 78°W longitude \_\_\_\_\_
3. 46°N latitude, 96°W longitude \_\_\_\_\_
4. 45°N latitude, 122°W longitude \_\_\_\_\_
5. 29°N latitude, 95°W longitude \_\_\_\_\_
6. 43°N latitude, 79°W longitude \_\_\_\_\_
7. 25°N latitude, 80°W longitude \_\_\_\_\_

---

**LEARNING TARGETS:**

- I CAN round decimals to the nearest whole, tenth, hundredth, thousandth.
  - I CAN round fractions to the nearest whole and half.
  - I CAN correctly recognize the place value of a given number.
- 

**SHOW ALL WORK FOR EVERY PROBLEM!!!**

Help page  
in back of  
packet

1. Round to the nearest whole number.

52.7

- A. 52
  - B. 53
  - C. 50
  - D. 527
- 

2. Round to the nearest tenth: 928.88

- A. 928.89
  - B. 929.9
  - C. 928.9
  - D. 928.95
- 

3. Round to the nearest hundredth: 6.736

- A. 6.7
- B. 6.73
- C. 6.74
- D. 6.736

---

4. Hector rounded the mass of an object to 3.8 kilograms.

Which of the following could be the actual mass of the object?

- A. 3.88 kilograms
  - B. 3.77 kilograms
  - C. 3.72 kilograms
  - D. 3.85 kilograms
- 

5. Tina needed to round her sales tax to the nearest tenth. When given 6.176, Tina rounded it to 6.18. What did she do incorrectly? What place did she round to instead of the tenth's place? Explain using complete sentences.

---

6. Round to the nearest whole number.

34.2

- A. 342
  - B. 35
  - C. 34
  - D. 30
- 

7. Round to the nearest hundredth: 620.488

- A. 620
  - B. 620.48
  - C. 620.5
  - D. 620.49
-

8. Round  $\frac{6}{10}$  to the nearest half.

- A. 0
  - B.  $\frac{1}{2}$
  - C.  $1\frac{1}{2}$
  - D. 1
- 

9. Round to the nearest whole number.

87.86

- A. 87
  - B. 87.9
  - C. 88
  - D. 90
- 

10. The area of a tennis court is 260.757 square meters. What is this area rounded to the nearest tenth? Show any work below. Do not forget to include a unit in your final answer.

# Division Word Problems

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

Work Space

The cafeteria wants to buy 672 plastic forks.

The forks come in packs of 12. How many packs will they need to buy?

\_\_\_\_\_

A restaurant has \$1,440 to buy plates. If each plate costs \$16, how many plates will the restaurant be able to buy? \_\_\_\_\_

A tour group has \$784 to spend on tickets. If each ticket costs \$7, how many tickets will the group be able to buy? \_\_\_\_\_

5.NBT.6 I CAN solve word problems involving division, performing long division.



1

2

Next

# Rounding Decimals

|                  |                 |             |             |                |               |                   |
|------------------|-----------------|-------------|-------------|----------------|---------------|-------------------|
| 1,234.56         |                 |             |             |                |               |                   |
| <i>thousands</i> | <i>hundreds</i> | <i>tens</i> | <i>ones</i> | <i>decimal</i> | <i>tenths</i> | <i>hundredths</i> |
| 1                | 2               | 3           | 4           | .              | 5             | 6                 |

HELP PAGE  
#1

## ***Rounding to a Particular Place Value***

*Look at the digit directly to the right of the place value you wish to round.*

*If the digit to the right is greater than or equal to five, add 1 to the digit in the place value.*



## **Example 1:**

Round 1,618.52 to the nearest tenth.

### **Solution:**

Look at the number being rounded. Since 1,618.52 is being rounded to the nearest tenth, look to the right at the digit in the hundredths place.

1,618.52

The digit in the hundredths place is less than five, so the 5 in the tenths place will not round up, and all the digits to the right of the tenths place will become zeros.

1,618.50

So, 1,618.52 rounded to the nearest tenth is **1,618.5**.

### **Example 2:**

Round 1,618.52 to the nearest whole number.

### **Solution:**

Look at the number being rounded. Since 1,618.52 is being rounded to the nearest whole number, look to the right at the digit in the tenths place.

1,618.52

The digit in the tenths place is greater than or equal to five, so the 8 in the ones place will round up to 9, and all the digits to the right of the ones place will become zeros.

1,619.00

So, 1,618.52 rounded to the nearest whole number is **1,619**.

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Close

# Rounding Fractions

## Things to Consider Before Rounding a Fraction to the Nearest Half

1. If the fraction is improper, start by writing the fraction as a proper fraction.

2. If the denominator is an odd number, look for equivalent fractions with denominators that are multiples of the original denominator that will make rounding to the nearest half easier.

$$\frac{4}{9} \text{ is equal to } \frac{8}{18} \text{ which is approximately } \frac{1}{2}$$

3. If the denominator is an even number, look for close half fractions that can be compared with the original fraction.

$$\frac{7}{16} \text{ is close to } \frac{8}{16} \text{ which is equal to } \frac{1}{2}$$

HELP PAGE

#2

### Example 1:

Round  $\frac{5}{7}$  to the nearest half.

### Solution

The fraction is divided into sevenths. Since  $\frac{5}{7}$  is less than 1, consider the numbers 0,  $\frac{1}{2}$ , and 1.

Since the denominator is an odd number, find an equivalent fraction to  $\frac{5}{7}$ .

$$\frac{5}{7} = \frac{10}{14}$$

Now, compare this fraction to the fractions below.

$$0 = \frac{0}{14}$$

$$\frac{1}{2} = \frac{7}{14}$$

$$1 = \frac{14}{14}$$

The fraction is between  $\frac{1}{2}$  and 1.

Notice that  $\frac{5}{7}$  is  $\frac{3}{14}$  away from  $\frac{1}{2}$  and  $\frac{4}{14}$  away from 1.

Since  $\frac{3}{14} < \frac{4}{14}$ ,  $\frac{5}{7}$  rounds to  $\frac{1}{2}$ .

### Example 2:

Round  $\frac{7}{8}$  to the nearest half.

### Solution

The fraction is divided into eighths. Since  $\frac{7}{8}$  is less than 1, consider the numbers 0,  $\frac{1}{2}$ , and 1.

Since the denominator is an even number, compare this fraction to the fractions below.

$$0 = \frac{0}{8}$$

$$\frac{1}{2} = \frac{4}{8}$$

$$1 = \frac{8}{8}$$

Equivalent fractions  
for 0,  $\frac{1}{2}$ , 1  
with a denominator  
of 8, just like  
the original fraction

The fraction is between  $\frac{1}{2}$  and 1.

Notice that  $\frac{7}{8}$  is  $\frac{3}{8}$  away from  $\frac{1}{2}$  and  $\frac{1}{8}$  away from 1.

Since  $\frac{3}{8} > \frac{1}{8}$ ,  $\frac{7}{8}$  rounds to 1.

### Example 3:

Round  $\frac{13}{6}$  to the nearest half.

### Solution

The improper fraction is divided into sixths. Since 6 can go into 13 at least twice, consider the numbers 2,  $2\frac{1}{2}$ , and 3.

Since the denominator is an even number, compare this fraction to the fractions

below.

$$\begin{aligned} 2 &= \frac{12}{6} \\ 2\frac{1}{2} &= \frac{15}{6} \\ 3 &= \frac{18}{6} \end{aligned}$$

The fraction is between 2 and  $2\frac{1}{2}$ .

Notice that  $\frac{13}{6}$  is  $\frac{1}{6}$  away from 2 and  $\frac{2}{6}$  away from  $2\frac{1}{2}$ .

Since  $\frac{1}{6} < \frac{2}{6}$ ,  $\frac{13}{6}$  rounds to 2.

Comment on Lesson

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

Date: \_\_\_\_\_



Mercury



Venus



Earth



Mars



Jupiter



Saturn



Uranus



Neptune

Solve each riddle.

1. I am between Earth and Saturn but I am not Mars.  
Which planet am I?

\_\_\_\_\_

2. Humans are constantly walking on me.  
Which planet am I?

\_\_\_\_\_

3. I have a huge "Red Spot" on me.  
Which planet am I?

\_\_\_\_\_

4. I have many rings. I sit between Jupiter and Neptune but I am not Uranus.  
Which planet am I?

\_\_\_\_\_

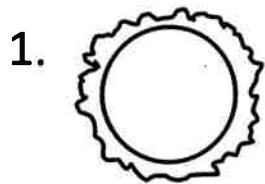
5. I am between Venus and Jupiter and I was named after the Roman god of war.  
Which planet am I?

\_\_\_\_\_

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

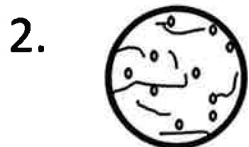
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### Solar System Word Scramble



nsu

\_\_\_\_\_



remcuyr

\_\_\_\_\_



svnue

\_\_\_\_\_



htera

\_\_\_\_\_



rsam

\_\_\_\_\_



iptjeur

\_\_\_\_\_



rnstau

\_\_\_\_\_



sanuru

\_\_\_\_\_



teupnen

\_\_\_\_\_