

**Disclaimer:** This packet is intended **ONLY** for the use of students enrolled in Leon County Schools.

**This document provides a breakdown of work for your child to complete per week. Please check off the pages as they are completed.**

## **5<sup>th</sup> Grade**

<b>Week 7:</b>	
<b>Pages 27-28</b>	<b>MAFS.5.NF.2.3</b>
<b>Pages 13-14</b>	<b>MAFS.5.NBT.1.3b</b>

<b>Week 8:</b>	
<b>Pages 9-10</b>	<b>MAFS.5.NBT.1.2</b>
<b>Pages 15-16</b>	<b>MAFS.5.NBT.1.4</b>

<b>Week 9:</b>	
<b>Pages 11-12</b>	<b>MAFS.5.NBT.1.3a</b>
<b>Pages 21-22</b>	<b>MAFS.5.NBT.2.7</b>

- 1** A swimming instructor has a list of 152 students who have signed up for swimming lessons. The swimming instructor can register 12 students in each class. What is the LEAST number of classes needed for all the students to be registered in a class?

(A) 12                      (C) 14  
(B) 13                      (D) 15

- 2** Which expression is equivalent to  $\frac{5}{9}$ ?

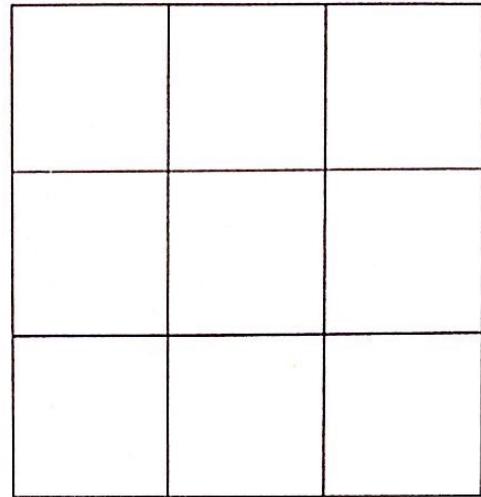
(A)  $5 \div 9$                       (C)  $9 \times 5$   
(B)  $5 - 9$                       (D)  $9 \div 5$

- 3** At lunch, 5 friends share 3 pizzas equally. What fraction of a pizza does each friend get?

(A)  $\frac{3}{5}$   
(B)  $\frac{3}{4}$   
(C)  $1\frac{1}{2}$   
(D)  $1\frac{2}{3}$

- 4** Dmitri bought 8 yards of fabric to make tablecloths. He cut the fabric into 6 equal pieces. What was the length in yards of each piece of fabric Dmitri cut?
- \_\_\_\_\_

- 5** Cecilia has 1 pound of trail mix that she plans to divide equally into 3 bags. Shade the diagram to show the fractional amount of a pound that she will put in each bag.



- 6** At lunch, 8 friends share 6 sandwiches equally. What fraction of a sandwich does each friend get?

(A)  $\frac{3}{4}$   
(B)  $\frac{2}{3}$   
(C)  $\frac{1}{2}$   
(D)  $\frac{1}{4}$

- 7** A group of 12 friends shares 4 bread rolls equally. What fraction of a bread roll does each friend get?
- Each friend gets \_\_\_\_\_ of a bread roll.

- 8** At lunch, 6 friends share 4 sub sandwiches equally. What fraction of a sandwich does each friend get?

(A)  $\frac{1}{3}$   
(B)  $\frac{1}{2}$   
(C)  $\frac{2}{3}$   
(D)  $1\frac{1}{2}$

- 9** A dance studio offers ballet classes. Each class can hold 15 students. If 217 students have enrolled at the dance studio, what is the GREATEST number of classes the studio can offer if each class fills up before another class is added?

(A) 13  
(B) 14  
(C) 15  
(D) 16

- 10** Alexis has 4 tablespoons of almond butter. She spreads an equal amount of almond butter on 12 crackers. How many tablespoons of almond butter does Alexis spread on each cracker?

Write an equation to model the solution to the problem.

\_\_\_\_\_

- 11** A local charity distributes 10 pounds of rice equally into 6 bags to give out at the food bank. How many pounds of rice are in each bag?

\_\_\_\_\_ pounds

- 12** A total of 145 students signed up for the neighborhood soccer league. Each team requires 12 players. What is the GREATEST number of teams that can be formed for the upcoming soccer season?

(A) 10  
(B) 11  
(C) 12  
(D) 13

- 13** A teacher has 10 ounces of glue. He gives an equal amount of glue to each of his 18 students. How many ounces of glue does each student get?

\_\_\_\_\_ ounce(s)

- 14** Which expression is equivalent to  $\frac{11}{3}$ ?

(A)  $3 \div 11$   
(B)  $11 - 3$   
(C)  $11 \times 3$   
(D)  $11 \div 3$



Name \_\_\_\_\_

- 1** The table below shows the amount of rainfall in inches (in.) in a city in different months.

Month	Rainfall (in.)
January	4.37
February	4.5
March	4.375
April	4.08

Which month had the LEAST amount of rainfall?

- Ⓐ January  
Ⓑ February  
Ⓒ March  
Ⓓ April

- 2** The table below shows the distances in miles (mi) Bryan travels every Wednesday.

Places	Distance (mi)
Home to School	1.56
School to Library	1.7
Library to Gym	1.285
Gym to Home	1.93

Which one is the shortest distance he travels?

- Ⓐ home to school  
Ⓑ school to library  
Ⓒ library to gym  
Ⓓ gym to home

- 3** Jasmine kept a record of how many miles (mi) she ran each week during one month.

Week	Distance (mi)
1	4.23
2	4.804
3	4.7
4	4.15

Write the distances on the lines in the correct order from LEAST on the top to GREATEST on the bottom.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 4** A scientist makes four samples of an ammonia solution. The table below shows the weight of the samples in grams (g).

Sample	Weight (g)
A	20.24
B	20.2
C	20.236
D	20.217

Which sample is the heaviest?

- Ⓐ A                      Ⓒ C  
Ⓑ B                      Ⓓ D

- 5** The four highest scores at a diving competition were 9.08, 9.1, 9.15, and 9.06 points.

The LOWEST of these four scores was \_\_\_\_\_ points, and the HIGHEST of these four scores was \_\_\_\_\_ points.

- 6** Which statement below is true?

- (A)  $3.2 < 3.02 < 3.22$   
(B)  $3.02 < 3.22 < 3.2$   
(C)  $3.02 < 3.2 < 3.22$   
(D)  $3.22 < 3.2 < 3.02$

- 7** Place an X in the table to show if each inequality is true or false.

	True	False
$7.32 < 7.318$		
$7.46 < 7.5$		
$7.176 < 7.19$		
$7.965 < 7.96$		

- 8** Which number is the GREATEST?

- (A) 34.925  
(B) 35.188  
(C) 34.691  
(D) 35.724

- 9** Chaz kept a record of how many gallons (gal.) of gas he purchased each day last week.

Day	Gas (gal.)
Monday	4.5
Tuesday	3.9
Wednesday	4.258
Thursday	3.75
Friday	4.256

Fill in the blanks with the correct answers from the list to complete the sentence.

Chaz purchased the MOST amount of gas on \_\_\_\_\_ and the LEAST amount of gas on \_\_\_\_\_.

Monday	Tuesday
Wednesday	Thursday
Friday	

- 10** Which inequality is not correct?

- (A)  $13.53 < 13.542$   
(B)  $14.12 < 14.191$   
(C)  $15.25 > 15.298$   
(D)  $16.37 > 16.309$



- 1 Which equation shows a correct product?

(A)  $0.62 \times 10 = 62$   
(B)  $0.40 \times 100 = 4$   
(C)  $0.09 \times 100 = 9$   
(D)  $0.60 \times 1,000 = 60$

- 2 Select other ways to express  $10^4$ .  
Select the **two** correct answers.

(A)  $10 \times 4$   
(B) 1,000  
(C) 10,000  
(D)  $10 + 10 + 10 + 10$   
(E)  $10 \times 10 \times 10 \times 10$

- 3 What is  $0.273 \times 10^2$ ?
- \_\_\_\_\_

- 4 What is  $1.35 \times 10^5$ ?

(A) 13,500  
(B) 135,000  
(C) 1,350,000  
(D) 13,500,000

- 5 Explain how to place the decimal point when finding the product  $5.6 \times 10^4$ .

Fill in the blanks with the correct answers from the list to complete the sentence.

To find the product, move the decimal point \_\_\_\_\_ places to the \_\_\_\_\_.

4	5	6	left	right
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- 6 Which statement is equivalent to multiplying a number by  $10^2$ ?

(A) adding 10 two times  
(B) adding 2 ten times  
(C) multiplying by 10 two times  
(D) multiplying by 2 ten times

- 7 What is  $12.3 \div 10^3$ ?
- \_\_\_\_\_

- 8 How should the decimal point be moved when dividing by  $10^2$ ?

(A) 2 places to the left  
(B) 2 places to the right  
(C) 10 places to the left  
(D) 10 places to the right

- 9** Explain how to place the decimal point when finding the quotient  $52.3 \div 10^4$ .

Fill in the blanks with the correct answers from the list to complete the sentence.

To find the quotient, move the decimal point \_\_\_\_\_ places to the \_\_\_\_\_.

2	3	4	5	left	right
---	---	---	---	------	-------

- 10** What is the value of the exponent in the equation  $425 \div 10^{\square} = 0.425$ ?

- 11** How should the decimal point be moved when multiplying by  $10^5$ ?

- (A) 10 places to the left
- (B) 10 places to the right
- (C) 5 places to the left
- (D) 5 places to the right

- 12** What is  $649 \div 10^2$ ?

- 13** What is  $4.72 \times 10^6$ ?

- (A) 472,000
- (B) 4,720,000
- (C) 47,200,000
- (D) 472,000,000

- 14** Select other ways to express  $10^6$ .

Select the **two** correct answers.

- (A)  $10 \times 6$
- (B) 100,000
- (C) 1,000,000
- (D)  $10 + 10 + 10 + 10 + 10 + 10$
- (E)  $10 \times 10 \times 10 \times 10 \times 10 \times 10$

- 15** What is  $2.81 \div 10^3$ ?

- 16** Which statement is equivalent to multiplying a number by  $10^4$ ?

- (A) adding 10 four times
- (B) adding 4 ten times
- (C) multiplying by 10 four times
- (D) multiplying by 4 ten times

- 17** Explain how to place the decimal point when finding the product  $6.93 \times 10^5$ .

Fill in the blanks with the correct answers from the list to complete the sentence.

To find the product, move the decimal point \_\_\_\_\_ places to the \_\_\_\_\_.

3	5	6	9	left	right
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Name \_\_\_\_\_

Standards-Based Practice  
MAFS.5.NBT.1.4

- 1** Rafael bought 2.15 pounds of potato salad and 4.25 pounds of macaroni salad to bring to a picnic.

Which statement is correct?

- (A) Rounded to the nearest tenth, Rafael bought 2.1 pounds of potato salad.
- (B) Rounded to the nearest tenth, Rafael bought 4.2 pounds of macaroni salad.
- (C) Rounded to the nearest whole number, Rafael bought 2 pounds of potato salad.
- (D) Rounded to the nearest whole number, Rafael bought 5 pounds of macaroni salad.

- 2** What is 4.132 rounded to the nearest hundredth?

- 3** The price of a certain brand of cereal at the grocery store is \$0.258 per ounce. Which statements are true?

Select the **two** correct answers.

- (A) Rounded to the nearest whole number, the price is \$1 per ounce.
- (B) Rounded to the nearest tenth, the price is \$0.2 per ounce.
- (C) Rounded to the nearest tenth, the price is \$0.3 per ounce.
- (D) Rounded to the nearest hundredth, the price is \$0.26 per ounce.
- (E) Rounded to the nearest hundredth, the price is \$0.30 per ounce.

- 4** Which statements are true?

Select the **three** correct answers.

- (A) 1.682 inches rounded to the nearest whole number is 1 inch.
- (B) 1.682 inches rounded to the nearest whole number is 2 inches.
- (C) 1.682 inches rounded to the nearest tenth is 1.6 inches.
- (D) 1.682 inches rounded to the nearest tenth is 1.7 inches.
- (E) 1.682 inches rounded to the nearest hundredth is 1.68 inches.



- 5** Judith has a necklace with a mass of 65.736 grams. What is the mass of her necklace rounded to the nearest tenth?

(A) 65.7 grams  
(B) 65.74 grams  
(C) 65.8 grams  
(D) 66.0 grams

- 6** What is 6.189 rounded to the nearest hundredth?
- \_\_\_\_\_

- 7** Mark's computer weighs 35.769 pounds. What is the weight of his computer rounded to the nearest hundredth?

(A) 36.77 pounds  
(B) 36.0 pounds  
(C) 35.8 pounds  
(D) 35.77 pounds

- 8** What is 8.451 rounded to the nearest tenth?
- \_\_\_\_\_

- 9** Select the **three** numbers that round to 3.15 when rounded to the nearest hundredth.

(A) 3.146  
(B) 3.144  
(C) 3.156  
(D) 3.149  
(E) 3.151

- 10** What is 4.367 rounded to the nearest tenth?
- \_\_\_\_\_

- 1** Select other ways to write 304.672.

Select the **three** correct answers.

- (A)  $3 \times 100 + 4 \times 1 + 6 \times \left(\frac{1}{10}\right) + 7 \times \left(\frac{1}{100}\right) + 2 \times \left(\frac{1}{1,000}\right)$   
(B) three hundred forty thousand, six hundred seventy-two thousandths  
(C)  $300 + 4 + 0.06 + 0.07 + 0.002$   
(D) 30 hundreds + 4 ones + 6 tenths + 7 hundredths + 2 thousandths  
(E) three hundred four and six hundred seventy-two thousandths
- 

- 2** What is the correct word form for the decimal 9.57?

- (A) nine and fifty-seven  
(B) nine and fifty-seven tenths  
(C) nine and fifty-seven hundredths  
(D) nine and fifty-seven thousandths
- 

- 3** A number in expanded form is shown.

$$7 \times 1 + 5 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right) + 6 \times \left(\frac{1}{1,000}\right)$$

What is the number in standard form?

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- 4** What is the correct expanded form for the decimal 81.402?

- (A)  $8 \times 10,000 + 1 \times 1,000 + 4 \times 100 + 2 \times 1$   
(B)  $8 \times 10,000 + 1 \times 1,000 + 4 \times 100 + 2 \times 10$   
(C)  $8 \times 10 + 1 \times 1 + 4 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{100}\right)$   
(D)  $8 \times 10 + 1 \times 1 + 4 \times \left(\frac{1}{10}\right) + 2 \times \left(\frac{1}{1,000}\right)$
- 

- 5** What is "five hundred thirty-nine thousandths" in standard form?
-



**6** What is the correct word form for  $2 \times 100 + 9 \times 1 + 7 \times \left(\frac{1}{10}\right) + 8 \times \left(\frac{1}{1,000}\right)$ ?

- (A) two thousand nine hundred seventy-eight
- (B) two hundred nine and seventy-eight hundredths
- (C) two hundred nine and seven hundred eight thousandths
- (D) twenty-nine and seven hundred eight thousandths

**7** What is the place value of the 3 and of the 7 in the following number?

2.378

Fill in the blanks with the correct answers from the list.

The place value of the 3 is \_\_\_\_\_ and the place value of the 7 is \_\_\_\_\_.

tenths	hundredths	thousandths
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**8** What is "three and sixteen hundredths" written in expanded form?

Fill in the blanks with the correct answers from the list.

\_\_\_\_\_  $\times 1$  + \_\_\_\_\_  $\times \left(\frac{1}{10}\right)$  + \_\_\_\_\_  $\times \left(\frac{1}{100}\right)$

0	1	3	6	16
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**9** What is the value of 8 in the following number?

0.589

Select the **two** correct answers.

- (A) 0.8
- (B) 0.08
- (C) eight tenths
- (D) eight hundredths
- (E)  $8 \times \frac{1}{10}$

**10** What is the value of 2 in the following number?

0.283

Select the **two** correct answers.

- (A) 0.2
- (B) 0.02
- (C)  $2 \times \frac{1}{10}$
- (D)  $2 \times \frac{1}{100}$
- (E) two hundredths

- 1** The library is 3.56 kilometers from Maria's house and 1.38 kilometers from Simon's house. How much farther does Maria live from the library than Simon?

(A) 4.94 kilometers  
(B) 2.28 kilometers  
(C) 2.18 kilometers  
(D) 1.18 kilometers

- 2** The fourth graders collected 1.25 pounds more aluminum cans than the fifth graders collected. Which values could represent how many pounds each grade collected? Select all the correct answers.

(A) fourth graders: 4.1 pounds  
fifth graders: 2.65 pounds  
(B) fourth graders: 6.34 pounds  
fifth graders: 4.99 pounds  
(C) fourth graders: 7.26 pounds  
fifth graders: 6.01 pounds  
(D) fourth graders: 7.68 pounds  
fifth graders: 6.13 pounds  
(E) fourth graders: 8.47 pounds  
fifth graders: 7.22 pounds

- 3** Crystal's tomato plant was 32.65 centimeters tall in June. During July the plant grew 82.6 centimeters. How tall was Crystal's tomato plant at the end of July?

(A) 409.1 centimeters  
(B) 115.25 centimeters  
(C) 49.95 centimeters  
(D) 40.91 centimeters

- 4** Latisha hiked along a trail that was 9.66 miles long. She hiked 4.2 miles every hour. How many hours did it take Latisha to finish hiking the trail?

\_\_\_\_\_ hours

- 5** The middle school is 2.72 kilometers from Marsha's house and 1.54 kilometers from Ryan's house. How much farther does Marsha live from the middle school than Ryan?

(A) 11.18 kilometers  
(B) 1.28 kilometers  
(C) 1.18 kilometers  
(D) 0.18 kilometer



- 6** Rico's backpack weighed 3.6 pounds. Then he added his school books, which weighed an additional 24.76 pounds. How much did Rico's backpack weigh with his school books?

(A) 60.76 pounds  
(B) 28.36 pounds  
(C) 27.82 pounds  
(D) 25.12 pounds

- 7** Mari and Rob are making a poster for the science fair. They need to figure out how much their rocks would weigh on Mars. They know that they can multiply the amount each rock weighs on Earth by 0.38 to find its weight on Mars.

Fill in the blanks with the correct answers from the list to complete the sentence.

A rock that weighs 6.5 pounds on Earth would weigh \_\_\_\_\_ pounds on Mars, and a rock that weighs 7.9 pounds on Earth would weigh \_\_\_\_\_ pounds on Mars.

0.227	0.247	2.27	2.47
0.3002	0.3202	3.002	3.202

- 8** Leon bought trail mix that cost \$0.78 per pound. He paid \$6.24 for the trail mix. How many pounds of trail mix did he buy?

(A) 8 pounds  
(B) 7 pounds  
(C) 0.8 pound  
(D) 0.08 pound

- 9** Fill in the blanks with the correct answers from the list to complete the equations.

$$29 \times 3.1 = \underline{\hspace{2cm}}$$

$$0.29 \times 31 = \underline{\hspace{2cm}}$$

$$2.9 \times 0.31 = \underline{\hspace{2cm}}$$

8.99	89.9	0.899
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- 10** Roberto's puppy weighed 4.5 pounds at the end of May. During June the puppy gained 9.12 pounds, and during July the puppy gained 9.51 pounds. How much did Roberto's puppy weigh at the end of July?

(A) 18.63 pounds  
(B) 19.08 pounds  
(C) 22.13 pounds  
(D) 23.13 pounds