### SPSG Summer Math Reinforcement Packet Created for Students Entering SPSG 7<sup>th</sup> Grade in the Fall 2023

Dear Students and Parents: The purpose of a summer math packet is to review math concepts that are often forgotten during the long break from school. Most of the concepts in this packet were covered in 6<sup>th</sup> grade. **PLEASE DO NOT COMPLETE THE WHOLE PACKET IN ONE OR TWO WEEKS.** Pace yourself throughout the summer and complete the work a little bit at a time, throughout the whole summer.

- •Your completed packet will be checked for effort and completion during the first week of school.
- •Please show all your work (when possible) to earn full effort credit.
- PLEASE DO NOT USE A CALCULATOR TO COMPLETE ANY OF THE WORK.
- •A parent's signature will be required to earn a full effort/completion grade.
- Please pace yourself...completing 10 -15 problems per week is a perfect pace.

An additional review tool is to use the IXL online math program and focus on skills for the upcoming grade level. 30-minute practice sessions each week are very beneficial.

Have a wonderful summer!

The SPSG Math Department

| Student's First Name:                             | _ Last Name:                                  |
|---|---|
| The work in this packet was completed independent | dently (without a calculator) by my daughter. |
| Parent Signature                                  | Date  |

#### Multiplying Whole Numbers

- Write the problem vertically
- 2. Multiply the ones digit of the bottom number by each of the digits in the top number, right to left
- 3. Bring down a zero and then multiply the tens digit of the bottom number by each digit in the top number, right to left
- Bring down two zeros and repeat with the hundreds digit of the bottom number
- 5. Add up all of the products

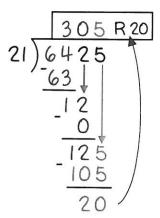
ex: 3,481 x 142

494,302

#### Dividing Whole Numbers

- Write out the long division problem with the first number (dividend) underneath the division symbol and the second number (divisor) to the left of the division symbol
- Divide the divisor into the smallest part of the dividend it can go into and write the number of times it can go in on top of the division symbol
- Multiply the number on top by the divisor and write the product under the number you divided into in step 2
- Subtract your product from the number above it
- 5. Bring down the next digit of the dividend
- Repeat steps 2-5 until there is nothing left to bring down.
- If your last subtraction answer is not zero, write the remainder on top

ex: 6,425 ÷ 21



Find each product. Show your work.

| 2. 832 x 156    | 3. 4,899 x 67             | 4. 756 x 300 |
|-----------------|---------------------------|--------------|
| , respectively. |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
| 6. 188 x 732    | 7. 3,249 x 173            | 8. 609 x 840 |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 |                           |              |
|                 | 2. 832 x 156 6. 188 x 732 |              |

Find each quotient. Show your work.

| Find each quotient. Show your work. |                      |                 |                |  |  |
|-------------------------------------|----------------------|-----------------|----------------|--|--|
| 9. 876 ÷ 2                          | ю. <b>9,</b> 473 ÷ 5 | II. 396 ÷ 24    | 12. 8,911 ÷ 45 |  |  |
| 13. 700 ÷ 12                        | 14. 1,065 ÷ 15       | 15. 2,737 ÷ 305 | 16. 4,516 ÷ 22 |  |  |

Solve each problem, showing all work.

- 17. Mrs. Kleim bought 5 boxes of 15 pencils to give to her students. If she has 26 students in her class, how many pencils can she give each student? How many pencils will she have left over?
- 18. Sarah and her 3 friends split a bag of candy evenly. They each ate 13 pieces of candy and there were 2 pieces leftover. How many pieces of candy were originally in the bag?

#### Rounding with Whole Numbers & Decimals

|               |           |          |      | _    | _      | _          | _           |
|---------------|-----------|----------|------|------|--------|------------|-------------|
| ten-thousands | thousands | hundreds | tens | ones | tenths | hundredths | thousandths |

- 1. Keep all digits to the left of the place you are rounding the same
- If the digit to the right of the rounding digit is less than 5, keep the rounding digit the same. If it's 5 or greater, increase the rounding digit by 1.
- 3. Change all places to the right of the digit you are rounding to 0. (Trailing zeros after the decimal are unnecessary)

ex: round 52.943 to the nearest tenth

less than 5, so the 9 stays

don't need trailing zeros after the decimal

52.9

#### Word Form € Expanded Form

- 1. Word Form: write the whole number in word form, translate the decimal to "and", & write the decimal as if it were a whole number, followed by the name of the place of the last digit
- 2. Expanded Form: write the value of each non-zero digit separately, with addition signs between them

ex: 209.315

two hundred nine and three hundred fifteen thousandths

200 + 9 + 0.3 + 0.01 + 0.005

#### Comparing & Ordering Decimals

- 1. Compare the whole number portions of the numbers. If they are different write > for greater than or < for less than.
- 2. If the whole numbers are the same, compare each digit to the right of the decimal point, one at a time until you find digits that are different. (If necessary, add zeros at the end of a decimal.)

13 = 13

13.7 = 13.7

13.70 < 13.74

So, 13.702 < 13.74

Round the number 21,498.2536 to the nearest indicated place.

| 19. tenth    | 20. hundred     | 21. thousandth | 22. one          |
|--------------|-----------------|----------------|------------------|
|              |                 |                |                  |
|              |                 |                |                  |
| 23. thousand | 24. hundredth   | 25. ten        | 26. ten-thousand |
| 23. (Nousana | 24. Handi Catti | 20. 1011       |                  |
|              |                 |                |                  |
|              |                 |                |                  |

Complete the chart below.

| Standard Form | Expanded Form                     | Word Form   |
|---------------|-----------------------------------|---|
| 3.962         | 27.                               | 28.   |
| 29.           | 100 + 2 + 0.09                    | 30.   |
| 31.           | 32.                               | Five thousand six hundred eighty-five and twelve hundredths |
| 8,770.006     | 33.                               | 34.   |
| 35.           | 900 + 10 + 4 + 0.3 + 0.02 + 0.008 | 36.   |
| 37.           | 38.                               | Two thousand nine and thirty-five thousandths               |

Compare each pair of numbers by writing <, >, or = in the provided circle.

| 39. 0.046 0.13 | 40. 9.52 90.13 | 41. 24.13 24.130 | 42.<br>15.96 15.906 |
|----------------|----------------|------------------|---------------------|
| 43.            | 6.83 6.825     | 7.256 7.24       | 46. 32.9 3.290      |

Order the numbers from least to greatest.

| 47. 6.86, 6.8, 7, 6.9, 6.827 | 48. 12.03, 1.2, 12.3, 1.203, 12.301 |
|------------------------------|-------------------------------------|
|                              |                                     |

#### Adding & Subtracting Decimals

I. Write the problem vertically, lining up the decimal points

ex: 12.8 - 1.52

2. Add zeros, if necessary

12.80

3. Add or subtract the numbers as if they were whole numbers

1.52

4. Bring the decimal point straight down

#### Multiplying Decimals

 Write the problem vertically with the numbers lined up to the right (decimals do NOT need to be lined up)

ex: 3.24 x 0.8

- 2. Ignore the decimal points and multiply the numbers as if they were whole numbers
- 3. Count the total number of decimal places in the two factors and put a decimal point in the product so that it has that same number of decimal places

#### Dividing Decimals

- I. Write the dividend under the division symbol and the divisor in front of the division symbol
- Move the decimal in the divisor after the number and then move the decimal in the dividend the
- 3. Ignore the decimal point and divide as if whole numbers

same number of places and bring it up

4. If there is a remainder, add a zero to the end of the dividend, bring it down, and then continue dividing until there is no remainder

ex:  $32.3 \div 0.5$ 

#### Find each sum or difference. Show your work.

| u.a. e. 711 . 10.27 | 50. 37.4 – 8.55 | 51. 12.9 + 105.67  | 52. 450.89 – 213.33 |
|---------------------|-----------------|--------------------|---------------------|
| 49. 8.74 + 10.36    | 50. 37.4 - 0.55 | 51. 12.9 + 105.67  | 52. 450.04 – 215.55 |
|                     |                 |                    |                     |
|                     |                 | 1                  |                     |
|                     | - 4F            |                    |                     |
|                     |                 |                    |                     |
|                     |                 |                    |                     |
|                     | Í               |                    |                     |
|                     |                 |                    |                     |
| 53. 24.1 + 3.74     | 54. 14.76 – 9.8 | 55. 622.85 + 53.49 | 56. 67 – 14.06      |
|                     |                 |                    |                     |
|                     |                 |                    |                     |
|                     |                 |                    |                     |
|                     |                 |                    | 9                   |
|                     | -               |                    |                     |
|                     |                 |                    |                     |
|                     |                 |                    |                     |

#### Find each product or quotient. Show your work.

| This each product of quotient. Ones goal work. |                |                 |                |  |  |
|--|----------------|-----------------|----------------|--|--|
| 57. 4.5 x 6                                    | 58. 144.8 ÷ 4  | 59. 2.7 x 0.8   | 60. 6.2 ÷ 0.04 |  |  |
|  |                |                 |                |  |  |
|  |                |                 | (1) 1(0.10     |  |  |
| 61. 8.9 x 2.5                                  | 62. 15.8 ÷ 0.5 | 63. 14.8 x 0.12 | 64. 16.2 ÷ 1.2 |  |  |
|  |                |                 |                |  |  |
|  |                |                 |                |  |  |
|  |                |                 |                |  |  |

#### Solve each problem, showing all work.

- 65. Ryan spent \$3.25 on lunch every day, Monday through Friday. If he had \$20 at the start of the week, how much money did he have left after Friday?
- 66. Three friends went out to lunch. The bill came to \$47.31. If they split the bill evenly, how much money does each friend owe?

#### Adding & Subtracting Fractions

I. Rename the fractions to equivalent fractions with common denominators

ex: 
$$4\frac{4}{9} + \frac{2}{3}$$

- 2. Add or subtract the numerators and keep the denominator the same
- $+ \begin{array}{cccc} 4\frac{4}{q} & \times \stackrel{|}{=} & \frac{4}{q} \\ & & \times \stackrel{3}{=} & \frac{6}{q} \end{array}$
- 3. If mixed numbers, add or subtract the whole numbers

 $4 \quad \frac{10}{q} = \boxed{5 \frac{1}{q}}$ 

4. If possible, simplify the answer  $\mathcal{E}$  change improper fractions to mixed numbers

#### Multiplying Fractions

1. Turn a whole number into a fraction by giving it a denominator of 1

ex: 
$$6 \times \frac{2}{3}$$

2. Cross-simplify the fractions if possible

 $\frac{2}{1} \times \frac{2}{3} = \frac{4}{1}$ 

3. Multiply the 2 numerators and the 2 denominators

4. If possible, simplify the answer  $\varepsilon$  change improper fractions to mixed numbers

#### Dividing Fractions

1. Turn a whole number into a fraction by giving it a denominator of 1

ex: 
$$12 \div \frac{1}{2}$$

- 2. Keep the 1<sup>st</sup> fraction the same, change the division symbol to multiplication, and flip the 2<sup>nd</sup> fraction to its reciprocal
- $\frac{12}{1} \div \frac{1}{2}$

3. Multiply the 2 fractions

- $\frac{12}{1} \times \frac{2}{1} = \frac{24}{1} = 24$
- 4. If possible, simplify the answer  $\mbox{\it E}$  change improper fractions to mixed numbers

Find each sum or difference. Show your work.

| 67. $\frac{7}{8} + \frac{5}{6}$   | 68. $\frac{9}{10} - \frac{1}{2}$                  | 69. $\frac{3}{11} + \frac{2}{3}$  | 70. $\frac{11}{12} - \frac{13}{18}$ |
|-----------------------------------|---|-----------------------------------|-------------------------------------|
| ,                                 |   |                                   |                                     |
|                                   |   |                                   |                                     |
| 71. $4\frac{5}{9} + 7\frac{1}{3}$ | 72. 12 <del>9</del> - 9 <del>3</del> <del>7</del> | 73. $3\frac{3}{5} + 2\frac{3}{4}$ | 74. $2\frac{2}{15} - 1\frac{2}{3}$  |
|                                   |   |                                   |                                     |
|                                   |   |                                   |                                     |
|                                   |   |                                   |                                     |

Find each product or quotient. Show your work.

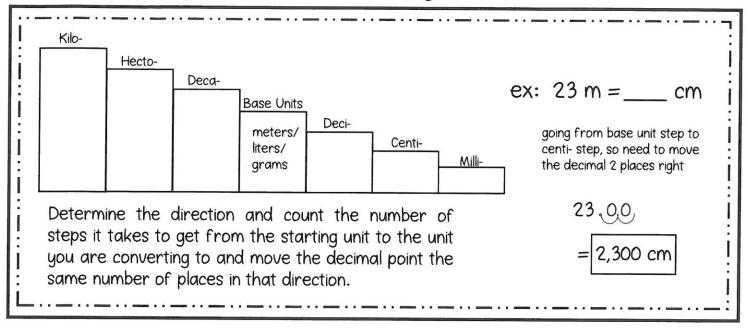
| Time, color, production of           | <u> </u>                 | The state of the s |                          |
|--------------------------------------|--------------------------|--|--------------------------|
| 75. $\frac{1}{6} \times \frac{3}{4}$ | 76. $6 \div \frac{1}{3}$ | 77. $15 \times \frac{2}{3}$  | 78. $\frac{1}{2} \div 3$ |
|                                      |                          |  |                          |
|                                      |                          |  |                          |
|                                      |                          |  |                          |
| 79. 1 × 10                           | 80. $\frac{1}{4} \div 2$ | 81. $\frac{5}{9} \times \frac{3}{20}$  | 82. $4 \div \frac{1}{5}$ |
|                                      |                          |  |                          |
|                                      |                          |  |                          |
|                                      |                          |  |                          |

Solve each problem, showing all work.

83. Jacqui ran 1 ½ miles on Monday, Wednesday, and Friday and  $^3$ /<sub>4</sub> mile on Tuesday and Thursday. How far did she run in all?

84. Tyrell gave 3 packs of baseball cards to his friends. He gave each friend ½ of a pack. How many friends got baseball cards?

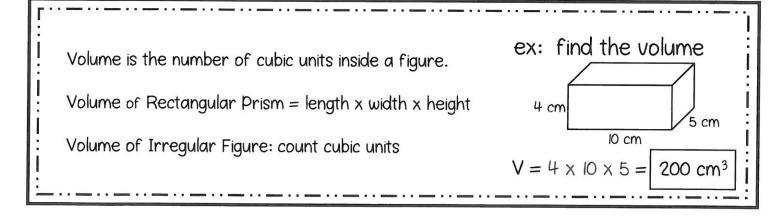
#### The Metric System



#### The Customary System

| Length  | Weight                         | Capacity   | ex: 18 c = pt   |
|---|--------------------------------|--|---|
| I ft = 12 in<br>I yd = 3 ft<br>I mi = 5,280 ft      | 1 lb = 16 oz<br>1 T = 2,000 lb | c = 8 fl oz<br>  pt = 2 c<br>  qt = 2 pt<br>  gal = 4 qt | cups are smaller units of measure than pints, so need to divide |
| o convert from<br>nultiply. To conv<br>nit, divide. | n a larger u<br>vert from a si | nit to a smalle<br>maller unit to a                      | r unit, $18 \div 2 = \boxed{9 \text{ pints}}$                   |
|   |                                |  |   |

#### Volume



Convert each Metric measurement. Show your work.

| 85. | 1.9 | km | = | m |
|-----|-----|----|---|---|

86. 
$$23 g = ___ mg$$

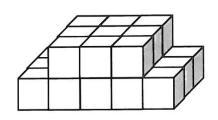
90. 
$$35 \text{ ml} =$$
\_\_\_\_\_l

Convert each Customary measurement. Show your work.

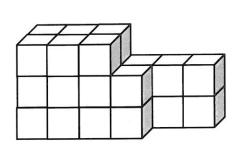
96. 
$$32 \text{ oz} = ____lb$$

Find the volume of each figure. Show your work.

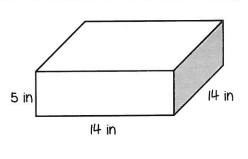
97.



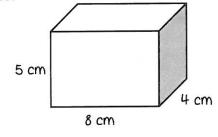
98.



99.



100.



Name:

### SECRET WORD PUZZLE: Long Division

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
|   | _ |   |   |   |   | , |

#### **PROBLEMS**

- **1** 3960 ÷ 45
- **2** 276 ÷ 12
- **3** 7524 ÷ 76
- **4** 968 ÷ 11
- **5** 2001 ÷ 23
- 6 1095 ÷ 15
- **1** 2345 ÷ 35



#### KEY

A 12 H 78 0 26 V 16

B 98 173 P 88 W 7

**C** 34 **J** 13 **Q** 47 **X** 91

D9 K87 R11 Y20

E 52 L 4 S 50 Z 18

F 46 M 99 T 77

G 61 N 67 U 23

#### Relate Fractions, Decimals, and Percents #1

Complete each row of the table by filling in the missing numbers. Write all fractions in simplest form.

| Fraction         | Decimal | Percent |
|------------------|---------|---------|
| <u>11</u><br>100 | 0.11    | 11%     |
| 37<br>100        |         |         |
|                  |         | 50%     |
|                  | 0.1     |         |
| 9 100            |         |         |
|                  | 0.82    |         |
| <u>11</u><br>25  |         |         |
|                  |         | 36%     |
| <u>1</u><br>20   |         |         |
|                  |         | 98%     |
|                  | 0.02    |         |
|                  |         | 8%      |

### Following this page, is a set of optional enrichment/challenge activities for incoming $7^{\rm th}$ grade students.

Have fun!

#### **Logic Problem**

Use the table to help you solve the logic problem. Each square represents a possible answer. Follow the rows and columns to find the correct combination. Draw a dot in a square for the answer where the vertical and horizontal squares meet.

Draw an "x" in a square that isn't the answer.

|        | Game | Doll | Kite | Basketball | Blue | Green | Red | Orange |
|--------|------|------|------|------------|------|-------|-----|--------|
| Hannah |      |      |      |            |      |       |     |        |
| Jack   |      |      |      |            |      |       |     |        |
| Cassie |      |      |      |            |      |       |     |        |
| Paul   |      |      |      |            |      |       |     |        |
| Blue   |      |      |      |            |      |       |     |        |
| Green  |      |      |      |            |      |       |     |        |
| Red    |      |      |      |            |      |       |     |        |
| Orange |      |      |      |            |      |       |     |        |

Hannah, Jack, Cassie and Paul attend a birthday party. They each bring a gift: a kite, doll, game, and basketball. After the party, each child goes home with a different color balloon: red, blue, green, and orange. Using the clues given, figure out which child brought what gift, and what color balloon they went home with.

- 1. Hannah did not bring the doll as a gift but she did go home with a blue balloon.
- 2. Jack brought the basketball for a gift but did not go home with a red or green balloon.
- 3. The child who brought the kite for a gift went home with a red balloon.
- 4. Cassie brought the doll as a gift.



#### **Dividing Fractions: Word Problems**



#### Answer each question.

- Tess wants to make throw pillows for her couch. She has 6 yards of fabric. Each pillow uses  $\frac{2}{3}$  of a yard of fabric. How many pillows can she make?
- Zander is making individual desserts for a dinner party. He has  $\frac{3}{4}$  of a cup of whipped cream, and he wants to put  $\frac{1}{8}$  of a cup of whipped cream on each dessert. How many desserts can he make?
- Daniel is using apple juice to make juice pops. He has 3 cups of juice, and each juice pop uses  $\frac{1}{2}$  of a cup of juice. How many juice pops can he make?
- Katie feeds her cat, Elmer,  $\frac{2}{3}$  of a cup of food each day. She buys a bag of cat food that contains 18 cups of dry food. How many days will that bag of cat food last?
- Lucas is making a wire sculpture for art class. For the sculpture, he needs to cut a wire into pieces that are each  $\frac{1}{16}$  of a foot long. If the original wire is  $\frac{3}{4}$  of a foot long, how many pieces will Lucas have?
- Nina works at Sweet Smoothies. She uses  $\frac{3}{4}$  of a cup of crushed ice in each smoothie. When Nina starts her shift, there are 24 cups of crushed ice in the ice maker. How many smoothies can she make with that ice?
- Dylan bought a  $\frac{1}{2}$  pound bag of sunflower seeds. If one serving of sunflower seeds is  $\frac{1}{16}$  of a pound, how many servings are in the bag?



# mean

The mean is the average or norm.

- · Add up all of the values to find a total
- Divide the total by the number of values you added together.

# median



he median is the middle value.

- · Put all of the values into order.
- The median is the middle value.
- If there are two values in the middle, find the mean of these two.

2, 2, 3, 25, 5, 7, 8

The mean is 4.57

The median is 5

# mode



The mode is the most frequent value.

- Count how many of each value appears.
- The mode is the value that appears the most.
- You can have more than one mode.





modes are 2 and 5

# range



The range is the difference between the lowest and highest value

- Find the highest and lowest values.
- · Subtract the lowest value from the highest

2, 2, 3, 5, 5, 7, 8

8-2=6

The range is 6

|                                     |                                     |                  | Date:         |                  | Period:  |  |  |
|-------------------------------------|-------------------------------------|------------------|---------------|------------------|--|--|--|
| Part 1                              |                                     | Mario's I        | Dilemma       |                  | TO THE PARTY OF TH |  |  |
| Below is a list                     | of Mario's mos                      | st recent test s | scores.       |                  |  |  |  |
| 81%                                 | 95%                                 | 88%              | 85%           | 81%              | 00   |  |  |
| Mean:<br>Median:<br>Mode:<br>Range: |                                     |                  |               |                  |  |  |  |
| 1. Calculate th                     | e mean, medi                        | an, mode, an     | d range of Mo | ario's test scor | es.  |  |  |
| 2. Mario wants should Mario us      |                                     |                  |               | 1. 2. 2. 2       |  |  |  |
|                                     |                                     |                  |               |                  |  |  |  |
|                                     |                                     |                  |               |                  |  |  |  |
|                                     |                                     |                  | · ·           |                  | lata will change   |  |  |
| Without recalcumeasures (become     | _                                   |                  |               |                  | TOT THE above  |  |  |
| measures (beco                      | ome higher, lov                     | wer, stay the s  | same).        |                  | TOI ITIE GDOVE   |  |  |
| measures (beco                      | _                                   | wer, stay the s  | same).        | _                | TOI ITIE GDOVE   |  |  |
| measures (beco<br>N                 | ome higher, lov<br>1ean:            | wer, stay the s  | same).        |                  | TOI ITIE GDOVE   |  |  |
| measures (beconsormed)              | ome higher, lov<br>1ean:<br>1edian: | wer, stay the s  | same).        | -<br>-<br>-      | TOTTHE above   |  |  |

| 5. How do                              | es the do  | ata change?       | Describe the c                                     | change(s) for e | each measure. Be specific!           |
|--|------------|-------------------|--|-----------------|--------------------------------------|
|  | Mean       | :                 |  |                 |                                      |
|  |            |                   |  |                 |                                      |
|  | Mode       |                   |  |                 |                                      |
|  | Range      |                   |  |                 |                                      |
|  |            | io's first quarte | er test scores.<br>mode, and ra                    | nge of the da   | ıta                                  |
|  | <b>70%</b> |                   | <b>75%</b>   |                 |                                      |
| Mean:<br>Mediar<br>Mode:<br>Range:     |            |                   |  |                 |                                      |
| 3. If Mario                            | would ho   | ave studied fo    | t and letter gr<br>r the test and<br>de, and range | scored a 91%    | instead of a 36% on one of his tests |
|  |            |                   |  |                 |                                      |
| Mean:<br>Mediar<br>Mode:<br>Range:     |            |                   |  |                 |                                      |
| ) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Maria's n  | aw narcant d      | nd letter arad                                     | e in the class? |                                      |

| ۸÷ | 98 - | - 100% |
|----|------|--------|
|    |      |        |

A 93 - 97%

A- 90 - 92%

B+ 88 - 89% B+ 88 - 89% B+ 88 - 89%

B 83 - 87%

B- 80 - 82%

C+ 78 - 79%

C 73 - 77%

C- 70 - 72%

D+ 68 - 69%

63 - 67% D

D - 60 - 62%

0 - 59% F

A 93 - 97%

A- 90 - 92%

B 83 - 87%

B- 80 - 82%

C+ 78 - 79%

C 73 - 77%

C- 70 - 72%

D+ 68 - 69%

D 63 - 67%

D - 60 - 62%

F 0 - 59%

A+ 98 - 100% A+ 98 - 100%

A 93 - 97%

A- 90 - 92%

B 83 - 87%

B- 80 - 82%

C+ 78 - 79%

C 73 - 77%

C- 70 - 72%

D+ 68 - 69%

D 63 - 67%

D - 60 - 62%

F 0 - 59%

## GCF and LCM: CRACK THE CODE

Find the greatest common factor (GCF) or the least common multiple (LCM) of the given sets of numbers. Then, look for any places where that GCF or LCM appears in the code at the bottom of the page, and write the corresponding letter on the line. Use the code to reveal the rest of the joke! **Note:** Not every letter will be used in the code at the bottom.

|   | В | 60 | 75 |      | F | 36 | 92 |      |
|---|---|----|----|------|---|----|----|------|
|   |   |    |    | GCF: | • |    |    | GCF: |
|   |   | 28 | 70 |      |   | 48 | 84 |      |
| 9 | R |    |    |      | 0 |    |    |      |
|   |   |    |    | GCF: |   |    |    | GCF: |
|   |   | 16 | 50 | 98   |   | 32 | 40 | 88   |
|   | K |    |    |      | Н |    |    |      |
|   |   |    |    | GCF: |   |    |    | GCF: |

|   |   | 12 | 15 |      |   | 10 | 18 |      |
|---|---|----|----|------|---|----|----|------|
|   | Т |    |    |      | A |    |    |      |
|   |   |    |    | LCM: |   |    |    | LCM: |
|   |   | 6  | 14 |      |   | 11 | 4  |      |
| < | N |    |    |      | E |    |    |      |
| Σ |   |    |    | LCM: |   |    |    | LCM: |
| O |   | 6  | 9  | 12   |   | 5  | 9  | 15   |
|   |   |    |    |      | W |    |    |      |
|   | _ |    |    | LCM: |   |    |    | LCM: |
|   |   | 10 | 5  | 3    |   | 10 | 20 | 25   |
|   | P |    |    |      | S |    |    |      |
|   | _ |    |    | LCM: |   |    |    | LCM: |

| Where do polar bears store their money: |    |      |     |    |    |    |    |    |    |   |  |
|---|----|------|-----|----|----|----|----|----|----|---|--|
|   |    |      |     |    |    |    |    |    |    |   |  |
|   |    |      |     |    |    |    |    |    |    |   |  |
|   |    |      |     |    |    |    |    |    |    |   |  |
| 36 42                                   | 60 | 8 44 | 100 | 42 | 12 | 45 | 15 | 90 | 42 | 2 |  |

#### It's a Maze of Hexagons!

Color the hexagons containing prime numbers blue to find your way out of the maze.

