

Dear 3rd grade parents,

The packet for week 2 will review the math and social studies skills that we have already learned about in class. Your child will need their math book and their social studies book. I have also included a list of IXL skills that align with the lessons previously taught. Please have your child complete one hour of IXL a week. All work will be graded weekly. The work will be available on Mondays and will be due back by the following Monday. Grades will be posted on the portals by Wednesday. I will be checking my email Monday – Friday from 9:00 a.m. to 11:00 a.m. and again from 1:00 p.m. to 3:00 p.m.

Thank you for your continued support,

Ms. Bivona

Name _____

1. Are 5×7 and 7×5 the same?

- A** No, they are not the same because of the Distributive Property.
- B** Yes, they are the same because of the Commutative Property of Multiplication.
- C** Yes, they are the same because of the Associative Property of Multiplication.
- D** No, they are not the same because they are not in the same order.

2. **A.** Write the fact family for 4, 8, and 32.
B. Which of the following could be used to find $32 \div 8$?

- A** $6 \times ? = 8$ **C** $32 \times 8 = ?$
- B** $8 \times ? = 32$ **D** $8 + 32 = ?$

3. A trilogy is a set of 3 books that contain the same characters. Michael owns 9 trilogies. How many books does he own? Tell which operation you use. Then solve the problem.

4. Which expressions are equivalent to $56 \div 7$? Select all that apply.

- $2 \times 2 \times 2$
- 2×3
- 3×5
- $64 \div 4$
- $72 \div 9$

5. Mavis is making a tile pattern in the shape of a rectangle. The length is 9 inches and the width is 1 inch.

A. What is the area of the pattern?
B. How could Mavis change her rectangle tile pattern into a square tile pattern so that it will have the same area as the rectangle?

6. A bakery sells rolls in boxes. There are 9 rolls in each box. Which numbers could be the total number of rolls in the boxes? Select all that apply.

- 3
- 9
- 27
- 37
- 54

7. Which of the following expressions is equal to $2 \times 3 \times 3$? Select all that apply.

- $(2 \times 3) \times 3$; I used the Associative Property of Multiplication.
- 5×3 ; I used the Identity Property of Multiplication.
- $3 \times 2 \times 3$; I used the Associative Property of Multiplication.
- $2 \times (3 \times 3)$; I used the Associative Property of Multiplication.
- $2 \times (3 + 3)$; I used the Distributive Property.

8. Marty writes the following:

$$28 - 7 = 21$$

$$21 - 7 = 14$$

$$14 - 7 = 7$$

$$7 - 7 = 0$$

Which equation could Marty use to represent what he wrote?

- A** $28 \div 7 = 4$
- B** $7 \times 7 = 49$
- C** $7 \div 7 = 1$
- D** $7 \times 4 = 28$

9. **A.** Use the Distributive Property to find the missing factors.

$$7 \times \underline{\quad} = (4 \times 9) + (\underline{\quad} \times 9)$$

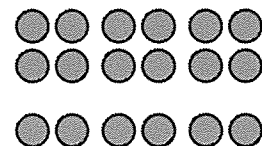
B. Rewrite the expression found in **Part A** using a different property. Identify the property used.

- A** 3×9 ; Associative Property of Multiplication
- B** 9×7 ; Commutative Property of Multiplication
- C** 9×3 ; Commutative Property of Multiplication
- D** 7×9 ; Associative Property of Multiplication

10. Which equation can be used to solve $0 \div 7$?

- A** $7 \times 0 = ?$
- B** $7 + ? = 0$
- C** $0 \times ? = 7$
- D** $7 \times ? = 0$

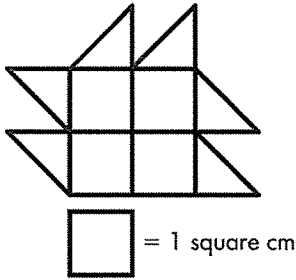
11. Cloe wants to make 6 bracelets. Each bracelet needs 3 charms. Cloe arranged the charms in two arrays.



Which expression can be used to find the total number of charms?

- A** 4×24
- B** $(2 \times 6) + (1 \times 6)$
- C** $(6 \times 2) + (6 \times 2)$
- D** $(2 \times 8) + (1 \times 8)$

12. Louise made the shape from tiles. What is the area of the shape? Explain.



13. Solve $272 + 311 - 129$.

14. Use the multiplication table to find $16 \div 8$.

Draw a triangle around the product. Draw a square around the missing factor. Circle the missing factor.

Then complete the equation.
 $16 \div 8 = \underline{\hspace{2cm}}$

| X | 0 | 1 | 2 |
|----|---|----|----|
| 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 2 |
| 2 | 0 | 2 | 4 |
| 3 | 0 | 3 | 6 |
| 4 | 0 | 4 | 8 |
| 5 | 0 | 5 | 10 |
| 6 | 0 | 6 | 12 |
| 7 | 0 | 7 | 14 |
| 8 | 0 | 8 | 16 |
| 9 | 0 | 9 | 18 |
| 10 | 0 | 10 | 20 |

15. A. A rectangular garden has an area of 30 square feet. Which of the following are possible side lengths of the garden? Select all that apply.

- 15 feet by 2 feet
- 6 feet by 4 feet
- 5 feet by 5 feet
- 5 feet by 6 feet
- 2 feet by 12 feet

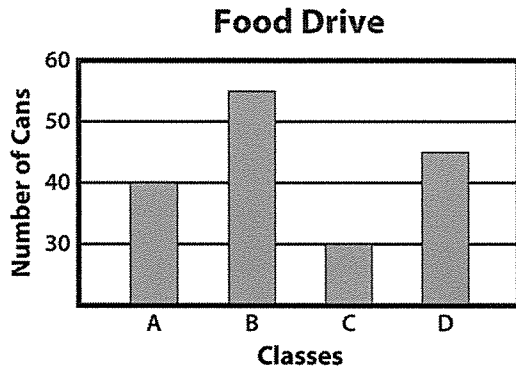
- B. Which expressions use the Distributive Property to represent the area of the garden? Select all that apply.

- $(3 \times 5) + (3 \times 3)$
- $(5 \times 3) + (5 \times 2)$
- $(5 \times 2) + (5 \times 4)$
- $(2 \times 5) + (2 \times 10)$
- $(4 \times 5) + (3 \times 5)$

16. Which of the following show a correct estimation? Select all that apply.

- $832 + 712$ is about 1,600.
- $569 + 322$ is about 900.
- $337 + 464$ is about 900.
- $176 + 294$ is about 500.
- $37 + 411$ is about 500.

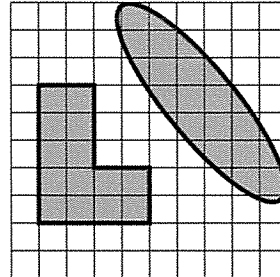
17. The third-grade classes are collecting cans of food for a food drive. Select all of the statements that are true.



- The classes brought in about 170 cans total.
- Class B brought in the most cans.
- Class A brought in 20 more cans than Class C.
- Class B brought in more cans than Classes A and C combined.
- Class D brought in about 45 cans.

18. William reads 3 fiction books and 2 nonfiction books each month. How many books does William read in 9 months? Write an equation with an unknown to represent the problem

19. Nicole says these shapes have the same area. Cole says the oval has a larger area than the irregular shape. Who is correct? Explain.



20. Which of the following is equal to 800 when rounded to the nearest hundred? Select all that apply.

- 730 850
- 759 851
- 839

21. Use the subtraction work shown.
 $507 - 149 = 458$

Which strategy shows a way to check the work using inverse operations?

- A** Subtract 149 from 458.
- B** Add 458 and 149.
- C** Add 458 and 507.
- D** Subtract 150 from 500.

22. Rob wants spend exactly \$70 on clothes. He wants to buy at least 3 shirts. Complete the picture graph and write an equation to show one combination of items Rob could purchase.

| Clothing Purchased | |
|------------------------------------|--|
| Shirts (\$10 each) | |
| Socks (\$6 per pair) | |
| Ties (\$7 each) | |
| Each ▲ = 2 items. Each ▲ = 1 item. | |

23. Solve $90 \div 9$.

- A 1
- B 9
- C 8
- D 10

24. Which is an example of using mental math to compute $634 - 578$?

- A $630 - 570 = 60$
- B $636 - 580 = 56$
- C $630 - 580 = 50$
- D $635 - 580 = 55$

25. Phillip asked 100 people to vote on their favorite picnic food. Make a bar graph to show the data.







Favorite Picnic Food

| | |
|------------|----|
| Hamburger | 35 |
| Sandwich | 23 |
| Salad | 15 |
| Watermelon | 27 |

26. Reilly adds $9 + 7$ and says the sum is 15. Without finding the exact answer, explain why Reilly's answer is incorrect, using addition patterns.

27. The picture graph shows the number of hot dogs sold at a deli. How many more hot dogs were sold on Sunday than on Saturday?

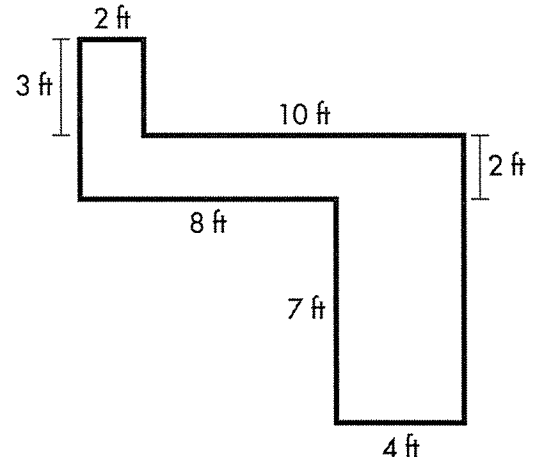
Deli Hot Dogs Sold

| Name | Number of Hot Dogs Sold |
|---|---|
| Thursday |  |
| Friday |  |
| Saturday |  |
| Sunday |  |
| Each  = 10 hot dogs. Each  = 5 hot dogs. | |

- A 40 hot dogs
- B 35 hot dogs
- C 25 hot dogs
- D 10 hot dogs

28. Alicia wrote a division story. She wrote that there are 48 buttons divided into equal groups. What other information must she give about the groups?

29. A. Select all of the ways to represent the area of the figure.



- $(2 \times 3) + (10 \times 4) + (4 \times 4)$
- $(2 \times 3) + (8 \times 2) + (9 \times 4)$
- $6 + 16 + 36$
- $6 + 40 + 36$
- $(2 \times 2) + (10 \times 2) + (9 \times 4)$

B. Find the area of the figure.

30. Use the multiplication table to explain how 3×2 and 6×2 are related.

| | | | |
|---|---|---|----|
| X | 0 | 1 | 2 |
| 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 2 |
| 2 | 0 | 2 | 4 |
| 3 | 0 | 3 | 6 |
| 4 | 0 | 4 | 8 |
| 5 | 0 | 5 | 10 |
| 6 | 0 | 6 | 12 |
| 7 | 0 | 7 | 14 |
| 8 | 0 | 8 | 16 |

Your 3rd grader will still be required to complete an hour of IXL per week. The following list is IXL lessons that your child should be able to work on since they align with math lessons that have already been taught.

A.1, C.1, C.3, C.4, D.1, D.3, D.4, E.1-6, E.8, F.1-11, FF.6, FF.10-11, FF. 15-16, G.1, G.4-5, G.8-9, G.12, G.14, H.6-7, H.18-19, I.1-5, J.1-9, K.1, K.4, K.7, K.10, K.12, L.5, M.4, M.9, M.12, M.16, N.3-4, N.8-10, P.1, P.5, P.8, U.6, U.8, U.12-13

3rd grade Social Studies- Chapter 2 Questions

Lesson 1

1. On which continent do you live? _____

2. What are the 3 different bodies of water? _____

3. What is the difference between an island and a peninsula? _____

4. Read the first sentence on page 48. What does organize mean? _____

5. How might people get water if they don't live near a body of water? _____

6. What makes the Midwest a good place to live? _____

7. Which regions do the Appalachian Mountains pass through? _____

8. Which regions have popular beaches? _____

9. What region do people move to if they want to be near many people? _____

10. How did people in the Southwest use the land to help them? _____

Lesson 2

1. Snow is on the ground. Is it temperature, precipitation, or wind? _____

2. Why does Greenland have an arctic climate? _____

3. How are a polar bear and an alligator's climates different? _____

4. What region of the United States has a desert climate? _____

5. What is the difference between tropical and arctic climates? _____

6. What are the 4 main types of vegetation in the U.S.? _____

7. What causes different vegetation to grow in different regions? _____

8. On page 54, why aren't there any trees in the picture of Alaska? _____

9. What might happen to the lesser long-nosed bat if cactuses disappear? _____

10. What is the difference between U.S. grasslands and Africa's grasslands? _____

11. Why do different regions have different ecosystems? _____

12. How do plants and animals interact with each other? _____

13. Could plants or animals live without interacting with each other? Why or why not?

3rd grade Social Studies- Chapter 2, Lessons 1&2 Vocabulary

Directions: Write the letter on the line for the word that matches the definition.

- A. continent B. landform C. mine D. adobe E. weather F. climate G. elevation
H. vegetation
I. ecosystem

1. _____ sun-dried bricks used to build shelters and other buildings.
2. _____ the weather that a place has over a period of time.
3. _____ one of the seven land areas of Earth: Asia, Africa, North America, South America, Antarctica, Australia, Europe.
4. _____ an area where all living things such as the plants and animals interact with each other.
5. _____ the height of land above sea level.
6. _____ the form or shape of part of Earth's surface.
7. _____ to dig for materials.
8. _____ plant life
9. _____ the daily conditions outside.

List the 5 oceans on Earth

List the 5 regions of the United States

List the 7 continents on Earth.

Lesson 3

1. What are some examples of natural resources? _____

2. What natural resources are found in the Southwest? _____

3. What natural resources do you see in the picture on page 60? _____

4. What region in the United States has the most timber? _____

5. What is the similarity between the Midwest and the Southeast regions? _____

6. What is the top crop grown in the United States? _____

7. What crop was grown to make the jeans people wear? _____

8. Besides timber, what other products are used to build a house? _____

9. What is oil used for? _____

10. How do we use coal in a way that affects our daily lives? _____

11. What might happen if people use up all of the natural resources? _____

12. What do you think is the most important natural resources? Why? _____

13. What can you do to conserve resources in your daily life? _____

Lesson 4

1. What landforms, bodies of water and vegetation make up the area we live in? _____

2. Why do people settle communities near natural resources? _____

3. On page 68, why are snowmobiles useful for getting around in arctic climates?

4. Why do people need flat land and water for farming? _____

5. How might someone get in the canyon if the Havasupai people need help?

6. What are 2 effects of dams? _____

7. What will happen if people burn large areas of forests to clear land? _____

8. Why are buildings in cities built upward? _____

9. What are 2 ways that people modify transportation in cities? _____

10. Why were laws made to protect the environment? _____

3rd grade Social Studies- Chapter 2, Lessons 3&4 Vocabulary Quiz

Directions: Write the letter on the line for the word that matches the definition.

A. agricultural region B. industrial region C. renewable resource

D. nonrenewable resource E. conserve F. erosion G. recycle

H. adapt I. modify J. irrigate

1. _____ To change the way you do something.

2. _____ A place where there is much flat land and rich soil.

3. _____ To save and protect something.

4. _____ The washing away of soil by rain, wind, and nearby rivers.

5. _____ A place where many kinds of factories are located.

6. _____ To bring water in through pipes.

7. _____ To change something, such as the physical environment.

8. _____ A natural resource that takes a long time to replace or cannot be replaced after it is used.

9. _____ To use an item again.

10. _____ A natural resource that can be replaced in a short time.