

# 4th Grade Summer Review

2021-2022



Happy Summer Break 4th Graders!!!

We have had a wonderful year together! With new math skills, language lessons, and all of our various reading, the students have accomplished a lot and we are extremely proud of them! As a review of our year, we have put together this summer packet to review some of the lessons we covered. The packets are for extra academic practice. It is not required work, but just some good practice that can help them maintain some of their skills and confidence to carry with them into next year. If they complete the packet and turn it in to their teacher next August, they will be rewarded with a Free Dress Day on our first Friday (8/12). They will not be collected for grades. Attached there is a letter with additional IXL practice if you would like your child to practice more skills.

Good Luck In 5th Grade!

Forever Blessings,  
Mrs. Mills and Mrs. Willkomm

For additional review material, please visit these sites:

**Math:**

<http://www.fun4thebrain.com/multiplication/jellyjumpmult.html> (multiplication facts)

<http://static.arcademics.com/games/penguin-jump.swf> (multiplication facts)

<http://mrnussbaum.com/drag-and-drop-math/> (addition, subtraction, multiplication, and division)

[http://www.ictgames.com/sharkNumbers/sharkNumbers\\_v5.html](http://www.ictgames.com/sharkNumbers/sharkNumbers_v5.html) (base ten)

<http://www.mathbuddyonline.com/samplelessons/game/how-good-do-you-understand-place-values-2/m4h5c1t1p6/417/1/-/0> (place value)

**English:**

<https://quizlet.com/150992727/subject-and-predicate-subject-and-predicate-flash-cards/> (subject and predicate)

<https://quizlet.com/194708483/parts-of-speech-parts-of-speech-flash-cards/> (parts of speech)

**Social Studies:**

<https://quizlet.com/152676396/50-states-and-50-capitals-flash-cards/> (states and capitals)

**Religion:**

<https://quizlet.com/128493184/beatitudes-flash-cards/> (Beatitudes)

<https://quizlet.com/168883695/10-commandments-catholic-style-flash-cards/>

Dear Students/Parents,

You have worked very hard this year in math learning many skills and concepts. Therefore, it is important to maintain what you have learned. The following summer assignment will allow us to have a strong start in August.

**Instructions:**

1) Go to: <https://www.ixl.com>

You can use your home computer or you can download IXL's free tablet apps for iPad, Android, or Kindle.

2) Enter your username and password and click "sign in." You MUST sign in with your username and password every time you work on IXL or your session will not be reported/saved.

3) If you happen to finish all the recommended skills, then you may work on any skills in either the grade level you are entering or the grade level you just completed. Please work on the skills below in the fourth grade level.

Please work on these skills (4th Grade). These are recommended to prepare you for 5th grade.

**A. Number Sense;** 2, 3, 6, 7, 8, 18, 21, 26

**D. Multiplication;** 15, 20, 22, 38, 43

**E. Division;** 17, 22, 23

**M. Units of Measurement;** 1, 5, 6, 7, 8, 11

**O. Fraction Equivalent and Ordering;** 1, 4, 5, 7, 8, 9, 12, 14, 15, 19, 23, 24, 26

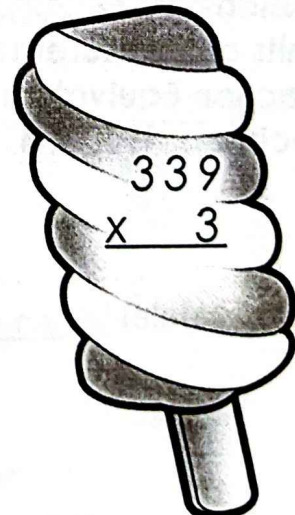
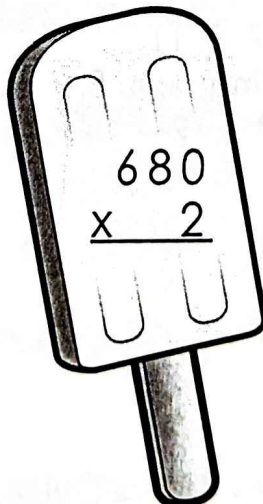
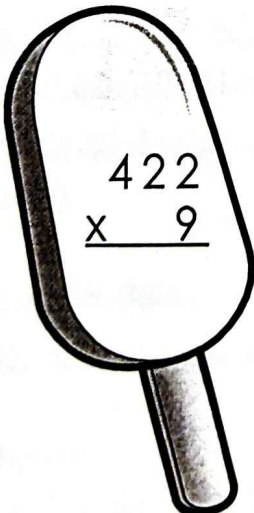
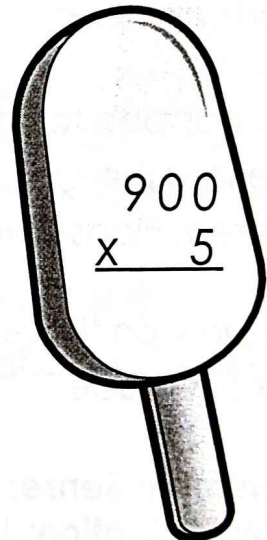
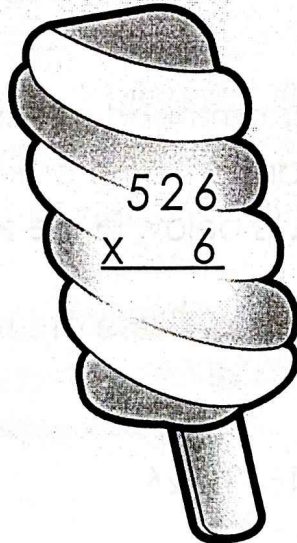
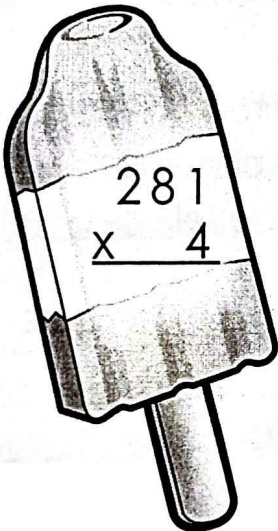
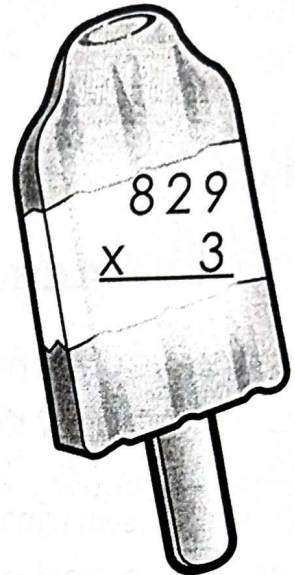
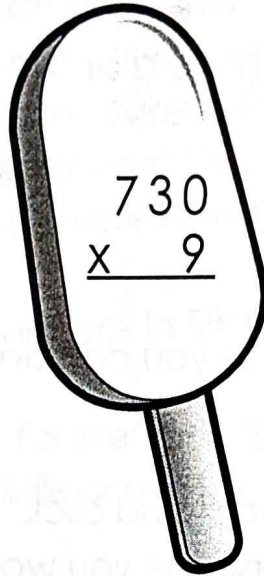
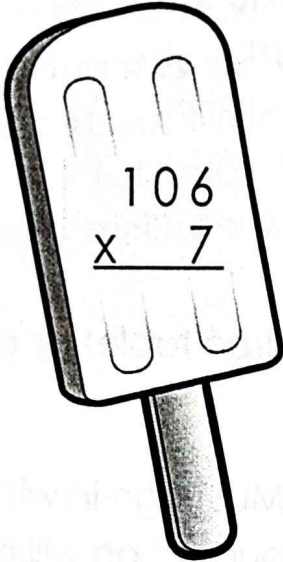
**S. Decimals;** 1, 2, 3, 4, 10, 12, 15, 18, 19



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

## 3-Digit by 1-Digit Multiplication

Multiply to find the products.



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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

$$\begin{array}{r} 44 \\ x 98 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ x 42 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ x 78 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ x 62 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ x 51 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ x 99 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ x 12 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ x 97 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ x 80 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ x 28 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ x 51 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ x 78 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ x 32 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ x 74 \\ \hline \end{array}$$

$$\begin{array}{r} 70 \\ x 77 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ x 98 \\ \hline \end{array}$$



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

Division: 2-Digit Dividends; 2-Digit Quotients

## Graph Paper Division

a.

$$3 \overline{) 39}$$

b.

$$2 \overline{) 87}$$

c.

$$5 \overline{) 92}$$

d.

$$8 \overline{) 85}$$

e.

$$3 \overline{) 68}$$

f.

$$7 \overline{) 71}$$

g.

$$6 \overline{) 74}$$

h.

$$9 \overline{) 99}$$

i.

$$4 \overline{) 79}$$



# Long Division



NAME \_\_\_\_\_

DATE \_\_\_\_\_

Explain why it is important to correctly line up numbers according to their place value when doing a division problem.

## Word Problems

1. The 6 boys in Ms. Preyvus' class always ran together during recess. By the end of the year, they had walked a total of 192 miles. If they each ran the same number of miles, how many did each boy run?
2. The brunch buffet cost the same for each adult. For the family of 8, the total cost was \$272. How much did it cost per person?
3. One Direction traveled from Phoenix, Arizona to Orlando, Florida on a first class airplane. The total cost for the 5 plane tickets was \$2,260. How much was each plane ticket?
4. Write and solve a word problem that requires long division.

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

### Adding Simple Fractions

$$1) \frac{\textcircled{4}}{10} + \frac{\textcircled{5}}{10} = \frac{9}{10}$$

$$1) \frac{\textcircled{3}}{9} - \frac{\textcircled{1}}{9} = \frac{2}{9}$$

$$2) \frac{2}{11} + \frac{2}{11} =$$

$$2) \frac{2}{4} - \frac{1}{4} =$$

$$3) \frac{1}{3} + \frac{1}{3} =$$

$$3) \frac{7}{9} - \frac{2}{9} =$$

$$4) \frac{3}{7} + \frac{3}{7} =$$

$$4) \frac{2}{10} - \frac{1}{10} =$$

$$5) \frac{2}{9} + \frac{2}{9} =$$

$$5) \frac{2}{6} - \frac{1}{6} =$$

$$6) \frac{2}{8} + \frac{5}{8} =$$

$$6) \frac{2}{12} - \frac{1}{12} =$$

$$7) \frac{4}{12} + \frac{4}{12} =$$

$$7) \frac{9}{11} - \frac{3}{11} =$$

$$8) \frac{1}{4} + \frac{1}{4} =$$

$$8) \frac{8}{12} - \frac{4}{12} =$$

$$9) \frac{3}{9} + \frac{3}{9} =$$

$$9) \frac{8}{11} - \frac{3}{11} =$$

$$10) \frac{1}{5} + \frac{2}{5} =$$

$$10) \frac{4}{5} - \frac{3}{5} =$$





## Changing improper fractions to mixed numbers

Change this improper fraction to a mixed number.  
(Remember you may need to cancel.)

$$\frac{27}{12} = 2 \frac{3}{4}$$

Change these mixed numbers to improper fractions.

$$2 \frac{3}{4} = \frac{11}{4}$$

$$4 \frac{1}{2} = \frac{9}{2}$$

Change these improper fractions to mixed numbers.

$$\frac{25}{3} = \boxed{\phantom{00}}$$

$$\frac{15}{12} = \boxed{\phantom{00}}$$

$$\frac{40}{7} = \boxed{\phantom{00}}$$

$$\frac{17}{6} = \boxed{\phantom{00}}$$

$$\frac{11}{9} = \boxed{\phantom{00}}$$

$$\frac{12}{5} = \boxed{\phantom{00}}$$

$$\frac{27}{5} = \boxed{\phantom{00}}$$

$$\frac{26}{3} = \boxed{\phantom{00}}$$

$$\frac{32}{5} = \boxed{\phantom{00}}$$

$$\frac{9}{2} = \boxed{\phantom{00}}$$

$$\frac{19}{2} = \boxed{\phantom{00}}$$

$$\frac{15}{4} = \boxed{\phantom{00}}$$

$$\frac{30}{4} = \boxed{\phantom{00}}$$

$$\frac{26}{8} = \boxed{\phantom{00}}$$

$$\frac{42}{9} = \boxed{\phantom{00}}$$

Change these mixed numbers to improper fractions.

$$4 \frac{3}{4} = \boxed{\phantom{00}}$$

$$9 \frac{1}{2} = \boxed{\phantom{00}}$$

$$12 \frac{1}{4} = \boxed{\phantom{00}}$$

$$3 \frac{2}{3} = \boxed{\phantom{00}}$$

$$6 \frac{3}{4} = \boxed{\phantom{00}}$$

$$3 \frac{9}{10} = \boxed{\phantom{00}}$$

$$5 \frac{1}{8} = \boxed{\phantom{00}}$$

$$3 \frac{2}{5} = \boxed{\phantom{00}}$$

$$2 \frac{5}{6} = \boxed{\phantom{00}}$$

$$5 \frac{1}{4} = \boxed{\phantom{00}}$$

$$3 \frac{3}{8} = \boxed{\phantom{00}}$$

$$2 \frac{11}{12} = \boxed{\phantom{00}}$$

$$2 \frac{7}{10} = \boxed{\phantom{00}}$$

$$4 \frac{3}{10} = \boxed{\phantom{00}}$$

$$4 \frac{1}{8} = \boxed{\phantom{00}}$$

$$7 \frac{3}{4} = \boxed{\phantom{00}}$$

$$8 \frac{1}{2} = \boxed{\phantom{00}}$$

$$1 \frac{5}{12} = \boxed{\phantom{00}}$$

Name \_\_\_\_\_

Date \_\_\_\_\_

EXERCISE

3

# Main Ideas

Read each paragraph. Choose the best answers.

Where do you build the world's largest jet airliner? First, you have to put up the world's largest building. That's just what happened in Everett, Washington. An airplane factory there covers more than 98 acres under one roof. More than 75 NFL football fields could fit inside! More than 15 railcars a day deliver parts to the factory. Workers use overhead cranes and forklifts to assemble the large pieces. Buyers from all over the world purchase the finished airplanes.

- 1 The main idea of this paragraph is
- (A) Looking for the largest jet airliner
  - (B) The largest building is a jet factory.
  - (C) Railcars deliver parts to the factory.
  - (D) How to build airplanes indoors
- 2 A supporting detail is
- (A) Choosing a place to build a factory
  - (B) Teams play football in the building.
  - (C) Visitors can tour the huge factory.
  - (D) The factory covers about 98 acres.

People in ancient Egypt celebrated many different kinds of festivals. Some of these honored nature. For example, there were festivals when the Nile River flooded, making the riverbanks fertile for farming. Other festivals were celebrated at the beginning of spring and at harvest time. At the celebrations families enjoyed foods such as watermelon, grapes, and figs that were sold at stalls. People also listened to musicians and watched entertainers such as acrobats.

- 3 The main idea of this paragraph is
- (A) Why the Nile was important to Egypt
  - (B) Watermelon was sold at food stalls.
  - (C) Ancient Egypt had many festivals.
  - (D) The festivals honored nature.
- 4 A supporting detail is
- (A) Egyptians honored their ancestors.
  - (B) All Egypt's festivals honored nature.
  - (C) The Feast of Opet lasted a month.
  - (D) People were entertained at the festivals.



Name \_\_\_\_\_

Date \_\_\_\_\_

EXERCISE

30

# Summarizing

Read the paragraph. Answer the questions.

Earthquakes cause buildings to fall and injure or kill people. So engineers and architects are trying to make buildings safer. Skyscrapers are built so that they sway but don't fall when earthquakes strike. Some buildings are put on rollers while others have steel beams anchored into the ground. Builders also use stronger and more flexible materials. A new idea is to put heavy weights in buildings so that if they move one way, the weight moves the other way to help keep the building from toppling.

1 How do earthquakes harm people? \_\_\_\_\_  
\_\_\_\_\_

2 How do engineers try to make buildings safer? \_\_\_\_\_  
\_\_\_\_\_

3 What new idea might help? \_\_\_\_\_  
\_\_\_\_\_

4 The title that best summarizes this paragraph is

(A) How Earthquakes Harm Us

(C) Limiting Earthquake Damage

(B) Why Skyscrapers Sway

(D) Engineers and Architects at Work

5 Use your answers to help you write a summary of the paragraph.

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



Name \_\_\_\_\_



# THE DAILY NEWS

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The Five W's - 5

## Space Pioneers Don't Monkey Around

(ATLANTIC OCEAN, May 28, 1959) — Two small monkeys have made a safe splashdown after their first trip into space. Able and Baker are space pioneers who took the place of people so that scientists could study how space travel affects living creatures.

Scientists say that Able and Baker seem healthy and glad to be back on the ground. Their trip took them 1,700 miles through space at speeds reaching about 10,000 miles per hour.

Able weighs seven pounds, and tiny Baker weighs just one pound. Both of them have small, metal pieces placed near their brains. In the spacecraft, the monkeys were wired to boxes so that scientists could tell how they acted in space. Scientists measured the monkeys' heartbeat, breathing, and other signs of life.

Recently, Russia sent a dog named Laika into space. When her spacecraft returned to earth, Laika was dead. Many more space tests will have to be made before the first person can be safely sent into space.



1. **Who** made the trip into space? \_\_\_\_\_
2. **What** kind of animals were they? \_\_\_\_\_
3. **When** did they safely return to Earth? \_\_\_\_\_
4. **Where** on the animals did scientists place small metal parts? \_\_\_\_\_  
\_\_\_\_\_
5. **Why** were the animals sent into space? \_\_\_\_\_  
\_\_\_\_\_

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

## Parts of Speech

Sometimes, a word can be more than one part of speech. You can identify the part of speech by identifying the job the word does in the sentence.

Read each sentence below and look carefully at the underlined words.

- If the word names a person, place, thing, or idea, it is a NOUN. Write N in the line.
- If the word shows an action, it is a VERB. Write V in the line.
- If the word describes a noun, it is an ADJECTIVE. Write A in the line.

1. \_\_\_\_\_ Tara picked a fresh rose out of the garden for her aunt.
2. \_\_\_\_\_ Do you know anyone with a rose garden?
3. \_\_\_\_\_ The sleeping bear cubs rose and patted their mother for attention.
4. \_\_\_\_\_ We will book a hotel room before leaving for our trip.
5. \_\_\_\_\_ Calvin bought a new book in his favorite series.
6. \_\_\_\_\_ Do you belong to a book club?
7. \_\_\_\_\_ If you corner the mouse, you can catch it easily.
8. \_\_\_\_\_ One corner of my poster work was bent.
9. \_\_\_\_\_ We live in the corner house.
10. \_\_\_\_\_ Some paper will yellow with age.
11. \_\_\_\_\_ Sara needs more yellow paint to finish the portrait.
12. \_\_\_\_\_ Yellow is a warm color.
13. \_\_\_\_\_ I ate some baby carrots for lunch.
14. \_\_\_\_\_ The newborn baby cried all night.
15. \_\_\_\_\_ My dad will baby his new car by waxing it every week.

