

ARCADIA ACADEMY



Summer

LEARNING PACKET

These packets will be graded by your
child's teacher the 1st week of school.

5th Grade

Due: August 15, 2025



Day 4 Week 2

Subtracting 4-digit numbers, with regrouping

Grade 4 Subtraction Worksheet

Find the difference.

$$\begin{array}{r} 1. \quad 4,387 \\ - 3,359 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 8,385 \\ - 1,851 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 6,247 \\ - 3,694 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8,173 \\ - 2,950 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 4,184 \\ - 1,936 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2,367 \\ - 1,308 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 9,532 \\ - 8,278 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5,803 \\ - 3,290 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 550 \\ - 450 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8,073 \\ - 7,000 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 4,792 \\ - 2,226 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4,871 \\ - 2,890 \\ \hline \end{array}$$

Giant sloths the size of elephants once lived in many places on earth, including North America. Today, sloths can be found in the tropical forests of Central and South America. They eat leaves and berries. A sloth can stick its tongue out 12 inches. Maybe they developed this skill so they wouldn't have to move to reach the tasty leaves and berries around their resting spot. Their main enemies are jaguars, eagles, and snakes. Many tropical forests are disappearing, along with the sloths that live there. It would be a sad thing if these fascinating little animals became extinct.

1. What is the main idea of the first paragraph?
 - A. Sloths are the slowest mammals on earth.
 - B. It takes a full minute for a sloth to move 6 feet across the ground.
 - C. The sloth's body is about 2 feet long.
 - D. The life of a sloth is not very exciting.
 2. What is the main idea of the second paragraph?
 - A. Sloths have a round head, small ears, and sad-looking eyes.
 - B. The shape of a sloth's mouth make it look like it is always smiling.
 - C. A sloth can turn its head almost all the way around.
 - D. Sloths are very cute to look at.
 3. What is the main idea of the third paragraph?
 - A. Sloths are home to other plants and creatures.
 - B. Tiny plants grow on the sloth's fur.
 - C. The plants that grow on the sloth make the sloth green.
 - D. Moths and insects live in the sloth's fur.
 4. What is the main idea of the last paragraph?
 - A. Sloths the size of elephants once lived on earth.
 - B. Today, sloths live in the tropical forests of Central and South America.
 - C. A sloth can stick its tongue out 12 inches.
 - D. It would be sad if sloths became extinct.
- ~~~~~
5. What is one interesting *detail* from the last paragraph?
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Main idea

Reading Comprehension Worksheet

Practice

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The **main idea** of a paragraph is what the whole paragraph is *mostly about*.

The **details** are *small pieces of information* that make the paragraph more interesting.

The **details** give *small pieces of information* about the **main idea**.

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As you read about sloths, think about the **main idea** of each paragraph.

Sloths

Sloths are the slowest mammals on earth. It takes a full minute for a sloth to move 6 feet across the ground. You probably couldn't move that slowly if you tried! The sloth's body is about 2 feet long. It has long legs, and curved claws that are 3 to 4 inches long. Their claws and their long legs help them climb trees and hang from tree branches. They spend almost their entire lives hanging from tree branches. The life of a sloth is not very exciting.

Sloths have a round head, small ears, a stubby tail, and sad-looking eyes set in a dark-colored "mask." The shape of a sloth's mouth makes it look like it is always smiling. It has extra bones in its neck that make it possible for it to turn its head almost all the way around. Sloths are very cute to look at, but they don't put on much of a show.

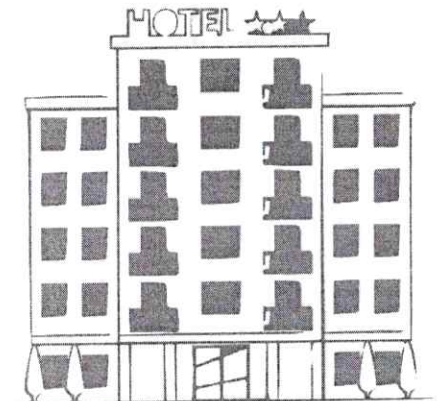
Sloths are home to other plants and creatures. Tiny plants grow on the sloth's fur, making the animals appear to be green. This green color makes the sloths almost invisible against the green leaves of the trees they live in. Moths and insects also live in the sloth's fur. Maybe the sloths move so little and so seldom that the small creatures that live on them don't even know they are animals.

Multiplication and division word problems

Grade 4 Word Problems Worksheet

A hotel has 7 floors. The lobby, restaurant and gym are located on the ground floor. The guestrooms are on 1st to 6th floors.

1. If there are 35 standard rooms on each floor, how many standard rooms are there?
2. There are 4 housekeepers working on each floor. One room only requires one housekeeper. If the housekeepers try distributing the work equally, how many housekeepers need to clean more rooms than the others?
3. If each standard room can fit 2 guests, what is the maximum number of guests that all the standard rooms can accommodate?



Fixing capitalization

Grade 4 Capitalization Worksheet

Rewrite the sentences below with the correct capitalization.

Capitalize the first word in a sentence, proper names of people, places, and products, main words in titles, and days, months, and holidays.

1. my grandpa visits mexico in may.

2. stephanie purchased a pepsi when she was in new york city.

3. we read "green eggs and ham" by dr. seuss last april.

4. my mom loves the song "twist and shout."

5. my friend travels to north dakota every summer to listen to beyoncé.

6. for christmas, we always sing "jingle bells" sung by mariah carey.

7. the country of brazil is hosting a valentine's day festival in february.

8. on friday, president ford will be honored in washington, d. c.





Day 2 Week 2

Adding 5 & 6 digit numbers in columns

Grade 4 Addition Worksheet

Find the sum.

$$\begin{array}{r} 1. \quad 919,019 \\ + 590,736 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 28,147 \\ + 61,390 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 15,517 \\ + 635,189 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 554,610 \\ + 849,666 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 105,014 \\ + 113,334 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 501,958 \\ + 858,864 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 809,907 \\ + 730,408 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 276,025 \\ + 415,702 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 369,802 \\ + 674,467 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 398,430 \\ + 482,895 \\ \hline \end{array}$$

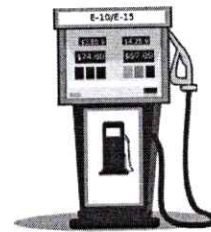
$$\begin{array}{r} 11. \quad 192,748 \\ + 426,142 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 732,727 \\ + 550,372 \\ \hline \end{array}$$

Meaningful sentences

Grade 4 Vocabulary Worksheet

Join phrases to make meaningful sentences.



The teacher recommended

distribute food and blankets to the homeless.

Gasoline won't always

with the passing of the years.

He became more mature

a triumph of mechanical engineering.

A father and son

be cheap and plentiful.

This new machine is

represent two generations.

Every Christmas, she works hard to

by boiling it.

Against the snow,

we read this book.

We purified the water

the white rabbit was invisible.

I was so hungry I had to

I met at school.

Barbara is an acquaintance

eat a snack immediately when I got home.

Adding fractions (like denominators)

Grade 4 Fractions Worksheet

Find the sum.

1. $\frac{7}{11} + \frac{2}{11} =$ _____

2. $\frac{3}{7} + \frac{2}{7} =$ _____

3. $\frac{2}{9} + \frac{3}{9} =$ _____

4. $\frac{2}{7} + \frac{6}{7} =$ _____

5. $\frac{19}{20} + \frac{19}{20} =$ _____

6. $\frac{24}{25} + \frac{20}{25} =$ _____

7. $\frac{1}{4} + \frac{1}{4} =$ _____

8. $\frac{5}{100} + \frac{9}{100} =$ _____

9. $\frac{5}{8} + \frac{7}{8} =$ _____

10. $\frac{11}{12} + \frac{11}{12} =$ _____

11. $\frac{2}{6} + \frac{5}{6} =$ _____

12. $\frac{1}{2} + \frac{1}{2} =$ _____

13. $\frac{2}{15} + \frac{3}{15} =$ _____

14. $\frac{4}{14} + \frac{6}{14} =$ _____

15. $\frac{11}{13} + \frac{12}{13} =$ _____

16. $\frac{3}{5} + \frac{4}{5} =$ _____

17. $\frac{7}{11} + \frac{5}{11} =$ _____

18. $\frac{1}{3} + \frac{1}{3} =$ _____

19. $\frac{2}{16} + \frac{13}{16} =$ _____

20. $\frac{8}{10} + \frac{5}{10} =$ _____

21. $\frac{6}{50} + \frac{15}{50} =$ _____

Select which context clues give a hint to the meaning of each of these words.

1. cycle

- A. ...can't see it...
- B. ...on the earth...
- C. ...series of events goes round and round...

2. vapor

- A. ...through this cycle...
- B. ...a gas...
- C. ...liquid water...

3. evaporate

- A. ...heat is added to water...
- B. ...heat is taken away...
- C. ...turning from liquid into gas...

4. condense

- A. ...turning from gas into liquid...
- B. ...it freezes...
- C. ...turning from liquid to solid...

5. particle

- A. ...tiny...
- B. ...create...
- C. ...becomes..

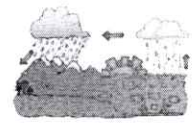
6. precipitation

- A. ...particles of water...
- B. ...rain or snow...
- C. ...absorbed in the ground...

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7. What context clue gives you a hint to the meaning of the word "constantly"?

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## Context clues

### Reading Comprehension Worksheet

#### Practice

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Context clues are *hints to the meaning* of a difficult word. These hints can be in the same sentence or in the sentences before or after the sentence that uses the difficult word.

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As you read the story, pay attention to the underlined words, and any hints you might find about the meanings of these words.

#### The Water Cycle

You can't see it, but the water cycle is always in motion on the earth. This series of events goes round and round, again and again, providing clean, fresh water for the land and seas. As water goes through this cycle, it is sometimes solid ice, sometimes liquid water, and sometimes a gas called water vapor.

The energy that drives the water cycle is heat. When heat is added to ice, the ice melts into water. When heat is added to water, it evaporates, turning from liquid into gas. When heat is taken away from water vapor, it condenses, turning from gas into liquid. When heat is taken away from water, it freezes, turning from liquid to solid.

The heat from the sun warms the water in oceans and rivers. The water changes into water vapor that rises into the air. High above the earth, the water vapor cools and becomes tiny particles of water that create clouds. As the clouds gather more and more particles of water, the water falls as rain or snow, which are two forms of precipitation. This precipitation is absorbed in the ground or is added to the water in oceans, lakes, and rivers. The cycle is always, constantly, in process, everywhere in the world.



Day 4 Week 1

## Long Division with remainders within 1-100

### Grade 4 Division Worksheet

Find the quotient with remainder.

1.  $5 \overline{)98}$

2.  $9 \overline{)58}$

3.  $7 \overline{)93}$

4.  $4 \overline{)38}$

5.  $2 \overline{)68}$

6.  $7 \overline{)87}$

7.  $4 \overline{)57}$

8.  $8 \overline{)29}$

9.  $2 \overline{)72}$

10.  $4 \overline{)55}$

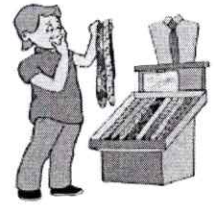
11.  $5 \overline{)99}$

12.  $7 \overline{)82}$

## Words and their meanings

### Grade 4 Vocabulary Worksheet

Circle the word that has the same meaning.



1. unassuming or moderate in the estimation of one's abilities or achievements

brave                      modest                      happy                      courageous

2. do something or have or show qualities worthy of reward or punishment

pass                      miss                      deserve                      spend

3. free from anxiety or responsibility

carefree                      troubled                      unhappy                      sad

4. have enough money to pay for

refuse                      reject                      afford                      spend

5. be all around someone or something

center                      allow                      free                      surround

6. point out; show

indicate                      deny                      hide                      mislead

7. make previously unknown or secret information known to others

keep                      cover                      reveal                      reject

8. make a choice from a number of alternatives

decide                      start                      delay                      wait

9. the teaching of a culture's beliefs and customs from parents to children over time

penalty                      tradition                      peninsula                      hole

10. a tool that uses lenses to make tiny objects larger so they can be seen by the eye.

global                      engineer                      microscope                      meadow



Day 3 Week 1

## Multiply in columns - 2 digit by 2 digit

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### Grade 4 Multiplication Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 35 \\ \times 97 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 36 \\ \times 20 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 29 \\ \times 64 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 53 \\ \times 95 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 71 \\ \times 74 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 74 \\ \times 11 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 19 \\ \times 77 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 96 \\ \times 58 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 68 \\ \times 17 \\ \hline \\ \hline \end{array}$$

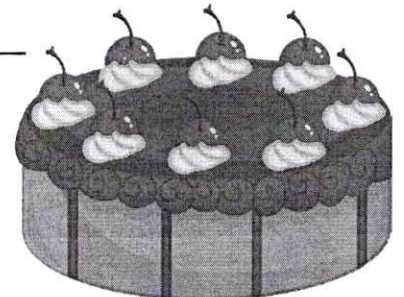
## Fixing run-on sentences

### Grade 4 Sentences Worksheet

Rewrite these run-on sentences as one sentence using a comma and a conjunction.

A **run-on sentence** can be corrected by adding a comma and a coordinating conjunction such as and, but, or, so, and yet.

1. I have a great idea no one will listen to me.  
I have a great idea, but no one will listen to me.
2. Both dogs ran to the park only one came home.  
 \_\_\_\_\_
3. We bought a new car my mom can drive me to school every day.  
 \_\_\_\_\_
4. Ryan will buy some pizza he will buy some tacos.  
 \_\_\_\_\_
5. The cup is on the counter it needs to be washed.  
 \_\_\_\_\_
6. She wants to go to the dance she doesn't have a ride.  
 \_\_\_\_\_
7. The flight is delayed the pilots are already here.  
 \_\_\_\_\_
8. My phone is expensive my parents make me pay half the price.  
 \_\_\_\_\_
9. That cake is so delicious I am going to buy another one tomorrow.  
 \_\_\_\_\_
10. I know all of the answers I will still study.  
 \_\_\_\_\_



## Add / Subtract with parenthesis - 5 numbers

### Grade 4 Order of Operations Worksheet

Find the answer to each question.

- 1)  $35 - 20 - 3 - 7 - 1 =$  \_\_\_\_\_
- 2)  $35 - (20 - 3 - 7 - 1) =$  \_\_\_\_\_
- 3)  $35 - (20 - 3) - 7 - 1 =$  \_\_\_\_\_
- 4)  $(16 + 28 + 1) - (15 + 21) =$  \_\_\_\_\_
- 5)  $35 + 22 - 34 - (15 - 5) =$  \_\_\_\_\_
- 6)  $(34 - 16) - (22 - 11) + 24 =$  \_\_\_\_\_
- 7)  $26 - (29 - 18) - 8 + 13 =$  \_\_\_\_\_
- 8)  $23 + 5 - (15 + 14 - 4) =$  \_\_\_\_\_
- 9)  $25 - (35 - 31) - (27 - 19) =$  \_\_\_\_\_
- 10)  $23 + 5 - 15 + 14 - 4 =$  \_\_\_\_\_

# Day 2 Week 1

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

## Author's Purpose 3

**Directions:** read the description, determine the author's purpose, and then explain your answer.

1. The first issue of *Wolverine*, published by Marvel in 1982

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

2. A pamphlet explaining how an unborn child may be affected when a pregnant mother smokes

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

3. A novel about a young girl who learns a lesson about bullying other students on the internet

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

4. The terms of use for Facebook, a social networking site

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

5. A speech written by a famous basketball player urging young people to stay in school

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

6. Directions to the mall written by a friend or relative

**Author's Purpose:** \_\_\_\_\_

(to inform, persuade, or entertain)

**How do you know?** Write a sentence explaining your answer.

**Expanded form (numbers to 100,000)**

## Grade 4 Place Value Worksheet

Write the numbers in expanded form.

Example:  $23,493 = 20,000 + 3,000 + 400 + 90 + 3$

1) 5,660 \_\_\_\_\_

2) 2,647 \_\_\_\_\_

3) 23,516 \_\_\_\_\_

4) 1,721 \_\_\_\_\_

5) 85,310 \_\_\_\_\_

6) 906 \_\_\_\_\_

7) 6,270 \_\_\_\_\_

8) 66,109 \_\_\_\_\_

9) 9,985 \_\_\_\_\_

10) 317 \_\_\_\_\_

11) 31,060 \_\_\_\_\_

12) 775 \_\_\_\_\_

Grade 4 Reading Comprehension Worksheet

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**Questions:**

1. What kind of hatchet did George's dad give him?
  - a. Red
  - b. New
  - c. Rusty
  - d. Pretend
  
2. Why didn't it take long for George to cut down the tree?
  - a. George had a friend help him
  - b. The tree was already dead
  - c. George had a huge axe
  - d. The tree was very small
  
3. You can tell from the story that:
  - a. George is honest
  - b. George's father is very poor
  - c. George loves to be inside
  - d. George's mother is a great baker
  
4. How might George's father have gotten the cherry tree?
  - a. He found it in the woods
  - b. George gave it to him for his birthday
  - c. It grew from a magic seed
  - d. It was purchased from a friend from another county

Grade 4 Reading Comprehension Worksheet

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"If I only knew who cut down that cherry tree," father cried, "I would—yes, I would"—

"Father!" cried little George. "I will tell you the truth about it. I chopped the tree down with my hatchet."

His father forgot his anger.

"George," he said, and he took the little fellow in his arms, "George, I am glad that you told me about it. I would rather lose a dozen cherry trees than hear you tell one lie."



## Grade 4 Reading Comprehension Worksheet

Read the short story. Then answer each question.

## George Washington and His Hatchet

When George Washington was quite a little boy, his father gave him a red hatchet. It was bright and new, and George took great delight in going around and chopping things with it.

He ran into the garden, and there he saw a tree which seemed to say to him: "Come and cut me down!"

George had often seen his father's men chop down the great trees in the forest, and he thought that it would be fun to see a tree fall with a crash to the ground. So he set to work with his little hatchet, and, as the tree was a very small one, it did not take long to come down.

Soon after that, his father came home.

"Who has been cutting my fine young cherry tree?" he cried.

"It was the only tree of its kind in this country, and it cost me a great deal of money."

He was very angry when he came into the house.

