Plurals Everywhere!

Write the plural of each word on the line. Then circle the hidden plural nouns in the puzzle. The words go across or down.

suffix ___________ suffixes ___________ hobby ___________ knife ___________

chef ___________ monkey ___________ donkey ___________

chief ___________ baby ___________ tray ___________

enemy ___________ family ___________ tax ___________

city ___________ loaf ___________ key ___________

M S E T B D K N I V E S A W P G Z
O X J F O T I R T J H O B B I E S
S H G O Y Y G C D Q K U F N Z T N
B Q V Q K S P J J J P J A X T K E
D O L O A V E S Y M F P M B A E M
O R F S K X R Q Z O C E I I X Y A
N G A B S X D A N N G M L P E S M
K M A K Y O O J A K E J I E S N U
E T R A Y S P V U E H X E F K Q T
Y V T Z X D V B S Y V B S X G K Q
S C I T I E S I A S F I Y D Y T I
P R Y L F O B J P W C H I E F S M
X H F F B B V K K I R F R Y V K L
N N Q E N E M I E S L T S U H R E
X R Z R B A B I E S Q P A C E W P
U L T Q W U Q N H C H E F S A L C
F W K H Z E B N S U F F I X E S M

Brain Box

To spell the plural of most words, add s. Here are some exceptions:

- When a noun ends in a consonant followed by y, change the y to i and add es. Example: buggy = buggies.
- When a noun ends in sh, ch, ss, or x, add es. Examples: brushes, witches, dresses, foxes.
- In some nouns that end in f or fe, change the f to a v and add es. Example: shelf = shelves.
Grammar Review

Read each clue. Write the answer in the crossword puzzle.

Across
3. Use a _______ to separate the words that introduce a quote from the quotation itself.
5. This _______ mark is used to show ownership.
6. The titles of books should be _______.
7. An _______ is a word that describes a noun.
8. A _______ is a word that replaces a noun or noun phrase.
11. A _______ is a word that names a person, place, or thing.

Down
1. Bathtub and football are both _______ words.
2. A _______ sentence contains only one subject and one predicate.
4. An _______ clause can stand alone as a complete sentence.
7. An _______ is a word that describes a verb.
9. A _______ is a word that shows action or being.
10. _______ is a very common conjunction.
A personal essay tells a story from the author’s point of view. The following traits are characteristic of personal essays:

- They’re usually written in the first person. The author’s voice is “I.”
- They’re about a specific event or experience told from the author’s unique perspective.
- They use descriptive language, vivid details, and dialogue.
- They often have a strong conclusion or point that the author wants to get across.

These writing prompts will help you think about a subject for a personal essay. Write one or two sentences to complete each prompt. Be sure to write in the first person.

The most surprising thing that happened to me this year was…

The worst experience of my summer vacation was when…

There’s no place I’d rather live than ____________, because…

One of my favorite days ever was definitely the day when…
Using a Story Map

Choose one of the writing prompts from page 110 to write a personal narrative. Fill in the following **story map** to think about how your personal narrative will be organized.

**Character or characters**
(including yourself)

**Setting**

**The Main Situation/Problem**

**Major Event Number 1** (supports the situation or problem)

**Major Event Number 2** (supports the situation or problem)

**Summary/Conclusion**

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**Brain Box**

When writing a narrative, one way to organize it is to use a **story map**. Story maps help the writer think about the narrative in terms of **character**, **setting**, **story events**, and **conclusion**.
Sets

Fill in the missing number to multiply each set.

Brain Box

Multiplication is a quick way to find the sum of the same number added to itself.

Example:

\[ 3 + 3 + 3 + 3 = 12 \]
\[ 3 \times 4 = 12 \]
In the Shade

Look at the shape and fraction on each card. Circle the shape that shows an **equivalent fraction**. Write that equivalent in the box.

**Fractions that stand for the same amount are called **equivalent fractions**. Look at the shaded parts.

**Example:** \( \frac{1}{2} \) is equivalent to \( \frac{2}{4} \).
Lost Gloves

The line graph shows the number of gloves turned in to the Lost and Found. Answer the following questions using the graph.

This line graph shows the relationship between two things: the number of lost gloves and ________________.

How many gloves were turned in to the Lost and Found in October? ____

How many gloves were turned in in November? _____

As the weather got colder in December, were more or fewer lost gloves turned in to the Lost and Found than in November? ________

What happened in March, as the weather got warmer?
Getting There

Answer the questions below by referring to the information shown in the following pie chart.

This pie chart gives data about how kids at the Los Robles Elementary School get to school everyday.

The section of the pie chart is the largest. It represents transportation by _________.

The second largest section of the pie chart is _________. It represents transportation by _________.

Almost 10% of kids ________ to school.

What percentage of students walk to school? _________.

If the kids who take the bus to school biked instead, what percentage of the population would bike? _________.

If 10% of the kids who drove in cars to school started walking instead, would the total numbers of kids who walked, rode bikes, or took the bus to school be greater than the number of kids who drove in cars? _________.

Brain Box

A pie chart is a circle graph divided into sections, like a pie. Pie charts are an excellent way to show parts or percentages of the whole.

Probability and Data

Understanding pie charts

Brain Quest Fourth Grade Workbook
The northern part of Africa is mainly ____________.

Which two continents have the most desert? ____________

Antarctica is mostly ____________.

Does Asia have more grassland or mountains? ____________

The three continents that have the largest mountain ranges are ____________, ____________, and ____________.

Is there more land north of the equator or south of the equator? ____________

Map Key
- forest
- desert
- grasslands
- tundra or ice
- mountains

Earth Covers

Use the map key to complete each sentence.
Inventions and Creations

The time line shows inventions made between the years 1500 and 2000. Some of these have to do with the growing or storing of food. Some have to do with clothing, and some with communication. Write each invention or creation on the correct card including the year it was invented.

A time line shows the dates of specific events.

Brain Quest Fourth Grade Workbook
Shapers of the Earth

Use the pictures to label the cards with a word from the Word Box.

**hurricane, volcano, earthquake, glacier, flood, wind**

This powerful ocean storm causes great damage when it hits land. Katrina, for example, washed away Louisiana beaches and submerged some islands.

This is an overflowing of water outside its normal boundaries. It can uproot trees, wash away topsoil, and wipe out towns.

This force causes the earth to move suddenly and violently along fault lines. In 1812, the Mississippi River's course was changed by one of these.

Unlike some natural forces that cause immediate changes in the earth's surface, this force works over time. It can carve rocks into strange shapes.

This huge sheet of ice scrapes basins into the earth and creates lakes. The Great Lakes were formed by this force.

When this erupts, lava is sent into the air and down its sides. In the ocean, one of these can form an island or island chain, such as Hawaii.

**Brain Box**

Land-forms can be shaped by natural forces such as volcanic activity, earthquakes, and wind.

**Earthquakes, volcanoes, and others**
Everything’s Related

Why Matter Matters

Everything in the universe is made up of either matter or energy. Matter is everything that takes up space. It is made up of tiny particles called atoms and molecules that are so small they can only be seen with powerful microscopes. No matter how big or small, matter has mass—it can be weighed even if it’s as light as a feather.

Matter has three common states:

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**Solid**

A solid has a hard or firm surface. It has a fixed volume. It can hold its shape.

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**Liquid**

A liquid is fluid and can flow freely. It will take the shape of whatever contains it.

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**Gas**

A gas has no shape or volume. It will expand indefinitely.

Sometimes the state of matter is determined by temperature. For instance, water is a liquid. When water is frozen it becomes ice, which is a solid. When water is boiled it becomes steam, which is a gas.

Identify each state of matter by writing either solid, liquid, or gas next to it.

- a desk __________
- an icicle __________
- mist __________
- milk __________
- maple syrup __________
- helium in a balloon __________