

Name _____

Date _____

Amaze Mr. Nelson!

Mr. Nelson has lost his grade book. Amaze him by finding it. Solve the multiplication problems. Find your way from the outside of the maze to the grade book without crossing any even products. Draw a line to show the path.



Multiplication problems in the maze:

- $2 \times 5 =$
- $2 \times 2 =$
- $9 \times 9 =$
- $3 \times 7 =$
- $6 \times 6 =$
- $4 \times 6 =$
- $7 \times 7 =$
- $1 \times 9 =$
- $5 \times 5 =$
- $7 \times 9 =$
- $9 \times 5 =$
- $6 \times 2 =$
- $5 \times 1 =$
- $3 \times 8 =$
- $9 \times 3 =$
- $3 \times 3 =$
- $3 \times 5 =$
- $7 \times 6 =$
- $8 \times 1 =$
- $7 \times 5 =$
- $5 \times 3 =$
- $2 \times 6 =$
- $5 \times 1 =$
- $3 \times 9 =$

Amazing Math Puzzles & Mazes

It looks like at least one person is getting an A in math this grading period. YOU!

READY-TO-GO
REPRODUCIBLES

Birthday Surprise

In each set of sentences below, find the secret word that "surprise" replaces. It replaces the same word in all four sentences of a set. However, the secret word is different for each set. After you decode the three secret words, discover the birthday surprise by completing the sentence at the bottom of the page.

Set One

1. We picked up our airplane "surprise" an hour before the flight.
2. I received a parking "surprise" for parking in a no-parking zone.
3. Did you save your "surprise" stub from the movie?
4. I could not get a "surprise" for the play.

surprise = _____

Set Two

1. At the party, everyone had a "surprise."
2. The seal balanced the red "surprise" for almost a minute.
3. The committee organized a charity "surprise" to raise money.
4. I made the snowman's head the size of a bowling "surprise."

surprise = _____

Set Three

1. Ten people were photographing "surprise" on the jungle safari.
2. The "surprise" was called off because of rain.
3. "Crazy eights" is my favorite card "surprise."
4. Chess is a difficult "surprise" to master.

surprise = _____

The birthday surprise:

a _____ to the _____

(Set One) (Set Two) (Set Three)

Name _____

Definition and Example

A **definition** is the meaning of a word. An **example** is the name of an item that illustrates the word. For each missing word below, a definition and some examples are given. Write **D** before each definition and **E** before each group of examples. Then, unscramble the bold letters to find the word being defined. Write that word on the line at the right. The first one is done for you.

1. D outerwear made of cloth

 E hat coat gloves



 clothes

2. something to sit on

 chair bench stool

3. vine tree tulip grass

 a living thing that is not an animal

4. something that covers or protects

 house tent shed lean-to roof

5. any group of warm-blooded vertebrates with wings

 wren robin starling duck

6. any implement used to do work

 hoe pliers hatchet shovel

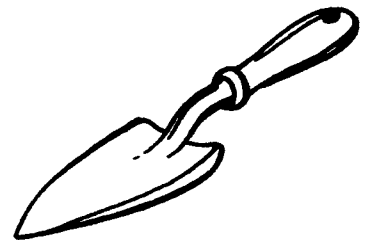


7. the condition of the atmosphere

 wet windy calm stormy hot breezy

8. nervous joyful tense moody giddy

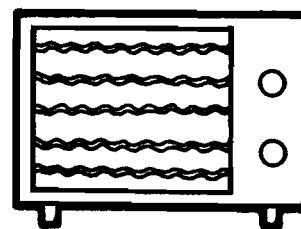
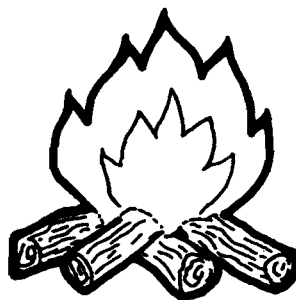
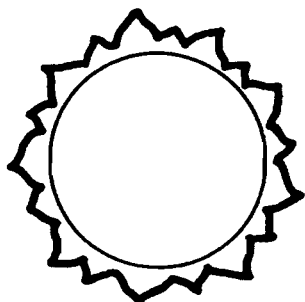
 a strong feeling



NAME THREE

Name three items that belong to each category.

1. Things that are red _____
2. Things that swim _____
3. Things to do when you are ill _____
4. Months that have 30 days _____
5. Four-legged animals _____
6. Flowers _____
7. Kinds of clouds _____
8. Scary things _____
9. Reference books _____
10. Citrus fruits _____
11. Candies with nuts _____
12. American League teams _____
13. Places people live _____
14. Elements (chemical) _____
15. Things that give off heat _____

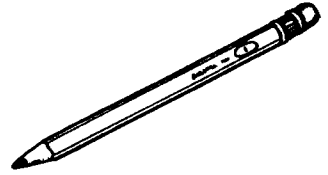


Examining Similarities

Name _____

Group and Regroup

Find the word in each box that doesn't belong. Cross it out, then write it on the last line in the box where it does belong.



1. fall
inform
swoop
drop
descend
tumble

4. pollen
stigma
ovule
temple
pistil
petal

2. osprey
heron
stamen
emu
petrel
kingfisher

5. shrine
pagoda
mosque
cathedral
church
macaw

3. teach
tell
notify
impart
instruct
pond

6. bay
lagoon
topple
inlet
lake
gulf



THINK!

Tell a partner how the words in each box go together.

Name _____

Score _____

1

$3 + 8 =$	$16 - 8 =$	$2 \times 8 =$	$3 \times 3 =$	$18 \div 2 =$
$4 + 5 =$	$14 - 9 =$	$2 \times 5 =$	$4 \times 4 =$	$12 \div 6 =$
$9 + 6 =$	$12 - 7 =$	$0 \times 6 =$	$5 \times 5 =$	$4 \div 1 =$

2

$\$18.55$	603	20	$3 \overline{)7}$	5 hrs 20 min
$+ 26.09$	$- 99$	$\times 4$		$- 2 \text{ hrs } 45 \text{ min}$

3

Round to the nearest dollar.

$\$8.98 \approx$ _____	$\$2.51 \approx$ _____	$\$9.78 \approx$ _____
$\$6.49 \approx$ _____		$\$39.89 \approx$ _____

4

Jose wants to be a vet, so he reads a lot. This month he read 14 books about dogs, 5 books about birds, 6 about other animals and 7 biographies. Of the books he read, how many more were about animals than people?



5



_____ = _____

Multiply numerator and denominator by 2 to get an equivalent fraction.

$\frac{1}{3} =$ _____

6

Know and Spell
 mile - inch
 pound - ounce
 equal
 minute - hour
 denominator
 total - difference

- A. The bottom number of a fraction is the _____.
- B. The four sides of a square must be of _____ length.
- C. 5280 feet is the same as one _____.
- D. When you add, the answer can be called the _____.
- E. A loaf of bread weighs about one _____.

7

$\frac{1}{2}$ of 6 $\frac{1}{2}$ of 12 $\frac{1}{2}$ of 0 $\frac{1}{2}$ of 20 $\frac{1}{2}$ of 10

8

- A. Write the number that is one more than 99. _____
- B. Write six thousand, five hundred ten. _____
- C. Complete the expanded notation. $4261 = 4000 +$ _____ $+$ _____ $+$ _____
- D. Write a 4-digit number with a 2 in the tens place. _____
- E. Arrange 5, 8, 3, and 2 to make the largest number. _____

9



- A. It is _____ minutes after _____.
- B. In 45 minutes it will be _____ o'clock.
- C. One hour ago it was _____.
- D. Most children are asleep at 3:15 _____ (A.M. or P.M.).
- E. In ten minutes the time will be _____.

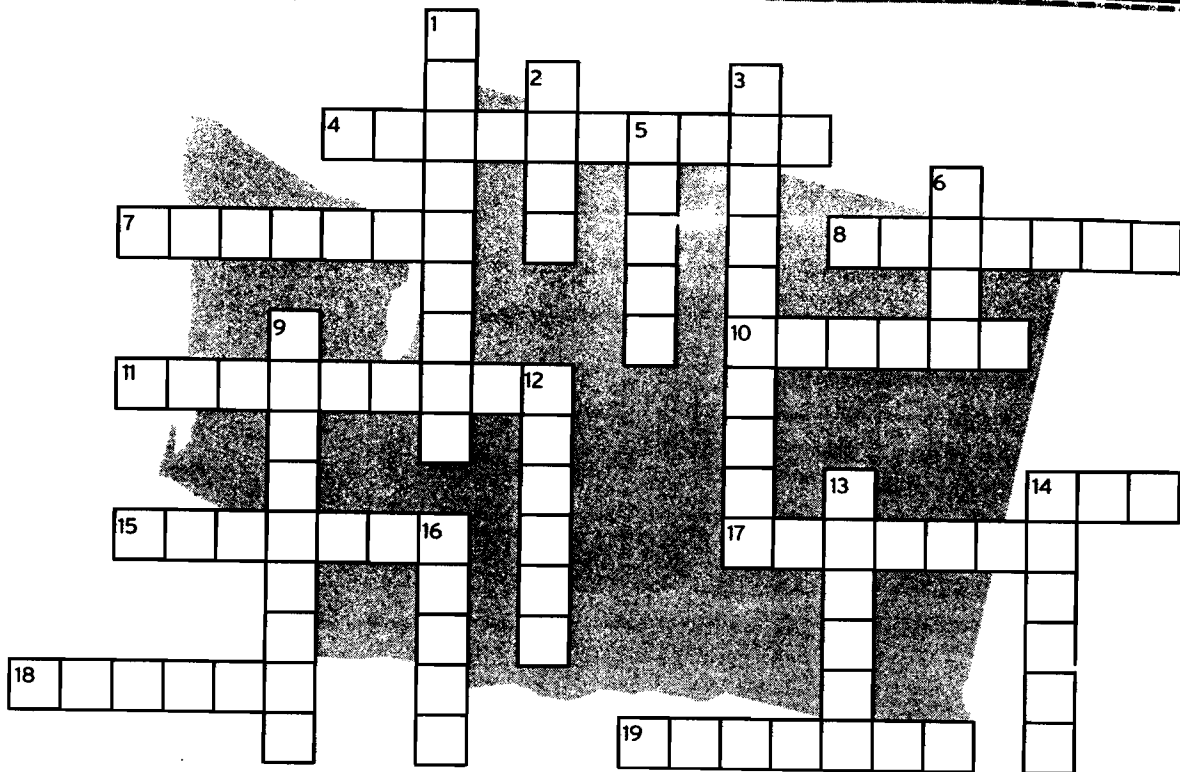
10

A is at _____. B is at _____. C is at _____. D is at _____. Put E at $4\frac{3}{4}$.

↓A ↓B ↓C ↓D



Washington Crossword Puzzle



ACROSS

4. The ferry that goes on the Alaska Marine Highway leaves from _____.
7. The capital of Washington is _____.
8. The _____ bear is part of the family of brown bears.
10. No state grows more _____ than Washington.
11. Washington is the _____ State.
14. _____ is the temperate rain forest in Olympic National Park.
15. Olympic National Park has beaches along the _____ Ocean.
17. Ferries from _____ go out into Puget Sound.
18. There are many places in Washington that have _____ names.
19. The _____ Mountains run north to south in Washington.

DOWN

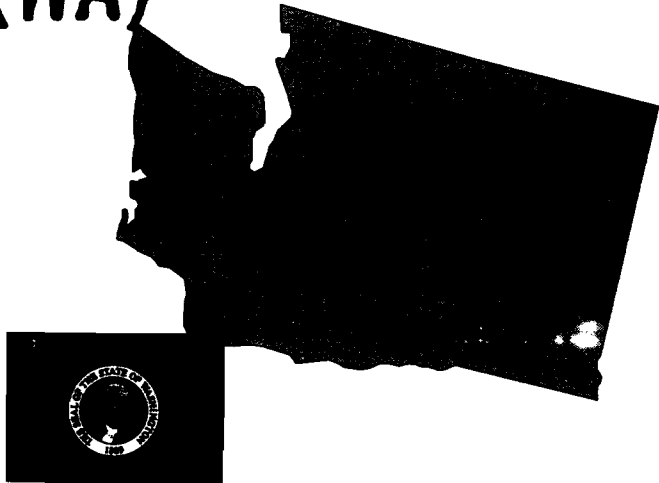
1. The Pacific Ring of Fire produces many _____ and earthquakes.
2. _____ Place Market has been operating for almost 100 years.
3. The Grove of the _____ has ancient trees.
5. Mountain _____ make their home in the North Cascades.
6. Seattle suffered through a serious _____ in 1889.
9. Washington is named after the first _____ of the United States.
12. The Space _____ in Seattle was built for the 1962 World's Fair.
13. Indians call Mount Rainier _____.
14. Mount St. _____ erupted on May 18, 1980.
16. Seattle was named after an Indian _____.

WASHINGTON (WA)

Evergreen State

Fast Facts

State Capital: Olympia
Population: 5,894,121 (Census 2000)
Land Area: 66,544 square miles
Year Admitted to the Union: 1889



State Flag



The Cascade Mountain Range cuts across Washington from north to south. The range is part of the Pacific Ring of Fire, which spawns volcanoes and earthquakes. On May 18, 1980, Mount St. Helens blew its top, leaving a crater a mile wide and two miles long. The shock of the explosion flattened trees and caused the mountain's Spirit Lake to rise more than 200 feet.

Another volcanic peak in the range is Mount Rainier, which is currently *dormant* (inactive). Rainier—called Tahoma by Indians—is home to several glaciers. Climbers training to ascend Mount Everest, the world's tallest mountain, practice here. Meadows covered with alpine flowers grace the mountain. Thousand-year-old trees grow in its Grove of the Patriarchs.

North Cascades National Park is home to mountain goats, deer, black and grizzly (related to brown) bears, cougars, and wolverines. Near the Pacific coast, Olympic National Park contains the Hoh rain forest, one of the few temperate rain forests in the world. (Most rain forests are in the tropics.) Olympic also has glaciers and beaches along the coast.

Many places in Washington have Indian names including Spokane, Walla Walla, Wenatchee, and Yakima. Seattle is named after Chief Seattle, a great speaker and environmentalist. The city is long and narrow, hemmed in by Puget Sound and Lake Washington. Seattle has steep streets, despite the fact that huge areas have been filled. After a disastrous fire in 1889, the streets were raised as much as 35 feet, creating an underground city, which visitors can explore. The Space Needle, built for the 1962 World's Fair, is a favorite attraction. So is Pike Place Market, which has been operating since 1907. The market sells a wide variety of meat, fish, vegetables, and fruits, including all types of apples. Washington is the biggest apple producer in the country.

From Seattle, ferries go out every day into Puget Sound and the beautiful San Juan Islands. A ferry in Bellingham travels along the Alaska Marine Highway, which goes all the way to the 50th state.

