

Grade 4
Day 3



Day 2

What is cause and effect?

- An effect is something that happens.
- A cause is *why* something happens.



How do I find cause and effect?

- To find an effect, ask yourself "What happened?"
- To find a cause, ask yourself "Why did this happen?"



The boy was grounded because he didn't complete his chores.

What happened first? The boy didn't complete his chores. (This is the cause)



What happened second? The boy was grounded. (This is the effect)

Show what you KNOW!

Match the cause to the effect.

Cause

1. _____ The car ran a red light.
2. _____ Ben stayed up late.
3. _____ The students were quiet in class.
4. _____ It rained.
5. _____ Lydia skipped breakfast.
6. _____ It was very hot outside.
7. _____ Lucy's shoes weren't tied.
8. _____ The boat had a leak.
9. _____ The puppy chased its tail.
10. _____ There was too much water in the pot.

Effect

- A. The horses were thirsty.
- B. She fell down.
- C. She was hungry at lunch.
- D. He was sleepy the next day.
- E. It boiled over.
- F. Everyone laughed.
- G. It sank.
- H. Chris got wet.
- I. The teacher gave them a reward.
- J. Another car hit it.

**Show what you
KNOW! Read the
passage. On your
paper, write down one
cause and effect.**

A tornado is a violent rotating column of air extending from a thunderstorm to the ground. Tornadoes happen when a cold wind high up meets warmer air and warmer winds lower down. This causes the winds to swirl and the warmer air from below rushes upwards at terrific speed. As the tornado moves forward, this warm wind rushing upwards can pick up any objects in its path. The most violent tornadoes can destroy large buildings, uproot trees, and throw vehicles hundreds of yards.



TIME FOR MATH!



Math Time!

Practice your addition facts on your own paper.

Find the sum.

$$\begin{array}{r} 1. \quad 364 \\ + 941 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 470 \\ + 731 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 297 \\ + 972 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 321 \\ + 36 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 221 \\ + 943 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 100 \\ + 263 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 122 \\ + 684 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 818 \\ + 904 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 511 \\ + 790 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 5 \\ + 516 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 504 \\ + 783 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 323 \\ + 71 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 902 \\ + 624 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 187 \\ + 692 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 638 \\ + 491 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 700 \\ + 470 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 164 \\ + 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 958 \\ + 954 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 191 \\ + 176 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 283 \\ + 29 \\ \hline \\ \hline \end{array}$$

Math Review

Directions: Fill out each section using the calendar and number of the day.

1. Today's date is _____ - _____, _____
2. The number of the day is

46

1. Is the number of the day odd or even?

2. 10 more than today's number _____
3. 100 more than today's number _____
4. 1,000 more than today's number _____
5. 10,000 more than today's number _____

Write a word problem using +, -, x, or ÷ that has an answer that matches today's number.

Write the Number of the Day in

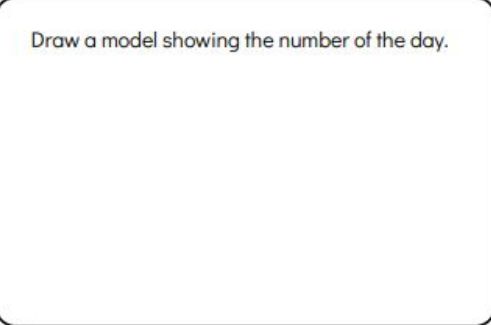
Expanded form:

Word Form:

Write an addition sentence that equals the number of the day.

Write a subtraction sentence that equals the number of the day.

Draw a model showing the number of the day.



It's your turn to solve some math word problems using multiplication.

On a piece of paper answers the questions and show all of your work.

1 Three boxes filled with fiction books and two boxes filled with reference books were just delivered. If each box is filled with 120 books, how many fiction books are there?

2 From the boxes just delivered, a librarian takes out 40 reference books to put on the shelf. Then, she takes out another 65 reference books and leave them at the checkout counter. How many reference books are left in the boxes?

A photograph of an astronaut in a white space suit floating in space. The astronaut is wearing a white helmet with a clear visor and has a small American flag patch on the right shoulder. The background is a deep blue space with some faint light streaks. The image is overlaid with a semi-transparent purple and blue gradient.

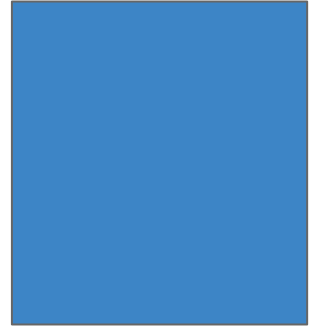
TIME FOR SCIENCE!

Time to Discover!



Let's learn about

Reading Data!



Let's look at some data and process the information!

Weather Report		
Day	Temperature High / Low	Conditions
Monday	90° / 72°	Sunny
Tuesday	83° / 73°	Stormy
Wednesday	80° / 68°	Stormy
Thursday	84° / 76°	Partly Cloudy
Friday	87° / 73°	Sunny



Which day was the hottest? _____

Which night was the coolest? _____

On how many days was it stormy? _____

How many degrees did the high temperature fall from Monday to Wednesday? _____

Compare the weather on Tuesday and Friday. Which day would be better for an outdoor soccer game? Why?

What do you think the weather might be like on Saturday? Why? _____

On your own paper, draw the chart and create a graph.

Weather Report		
Day	Temperature High/Low	Conditions
Monday	20° / 8°	Snowy
Tuesday	20° / 10°	Snowy
Wednesday	31° / 15°	Snowy
Thursday	35° / 25°	Partly Cloudy
Friday	37° / 36°	Sunny

Make a bar chart showing the high & low temperature each day.





TIME FOR SOCIAL STUDIES!



MAP SKILLS: REVIEW

What is a Map?

Maps are flat drawings that show us where to find places. A map always gives us a bird's eye view. That means that map is a drawing of a place from above. Long ago, the first maps were made in the dirt. Now maps are on paper or on computers. There are many different kinds of maps. A world map shows the whole Earth. Some maps can show us small areas like your neighborhood. We use directions on a map. The top of a map is north. The bottom is south. East is to the right. West is to the left.



This map shows a large area of land called a continent. The continent shown is North America. This map also shows large areas of water. They are called oceans.

1. Is a map flat or round?

2. What does it mean to have a bird's eye view?

3. The map on this page shows a large area of land called a continent. What is the name of the continent shown?

4. What are the four directions on a map called?

Using Cardinal and Intermediate Directions

Directions: Use the U.S. map to answer the questions that follow.



Using Cardinal and Intermediate Directions

1. Which state is directly northeast of Colorado?

- a. Missouri
- b. Minnesota
- c. Texas
- d. Utah

2. Florida is directly _____ of Georgia.

- a. North
- b. East
- c. South
- d. West

3. Which direction would Sam need to travel if he were driving from Montana to California?

- a. South
- b. West
- c. Southwest
- d. Southeast

4. The state located two states south of Missouri is

5. Nevada is west of which two states?

- a. California and Oregon
- b. Wyoming and Idaho
- c. Utah and Idaho
- d. Arizona and Utah

6. Maine can be found in the farthest _____ corner of the U.S. map.

- a. Northwest
- b. Northeast
- c. Southwest
- d. Southeast

7. When I flew from Minnesota to New Mexico, which direction did the pilot fly the plane?

8. New York is directly north of which state?

- a. Ohio
- b. Iowa
- c. Pennsylvania
- d. South Dakota

9. Julian drove from Nebraska to Maryland for the holidays. What direction did he drive to get there?

10. This Thanksgiving Sara's family is taking a road trip from Kansas to Kentucky and then going to Michigan. Which direction will they drive first?

Next, they will travel _____ to Michigan.

Bonus Questions:

Name one state that shares a southern border with Kentucky:

Which two states border the northern border of Massachusetts?



DOMS

WHOA! Good Job!