



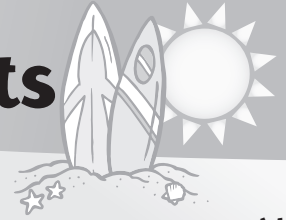
Teacher Created Resources®

# Skill Building For Grade 7



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# Products and Quotients



Week 1: Monday

Math

**Directions:** Solve each problem.

1. $\begin{array}{r} 4,511 \\ \times 12 \\ \hline \end{array}$	2. $\begin{array}{r} 8,476 \\ \times 34 \\ \hline \end{array}$	3. $\begin{array}{r} 32,566 \\ \times 145 \\ \hline \end{array}$	4. $\begin{array}{r} 54,373 \\ \times 810 \\ \hline \end{array}$
5. $\begin{array}{r} 36,592 \\ \times 484 \\ \hline \end{array}$	6. $\begin{array}{r} 65,349 \\ \times 785 \\ \hline \end{array}$	7. $\begin{array}{r} 175,797 \\ \times 153 \\ \hline \end{array}$	8. $\begin{array}{r} 567,899 \\ \times 346 \\ \hline \end{array}$
9. $24 \overline{)67,392}$	10. $31 \overline{)59,737}$	11. $17 \overline{)31,059}$	12. $123 \overline{)79,089}$
13. $910 \overline{)29,120}$	14. $153 \overline{)213,588}$	15. $619 \overline{)341,688}$	16. $110 \overline{)1,364,000}$



# The Octopus

Week 1: Monday

Reading

**Directions:** Read the nonfiction passage below, and answer the questions that follow.

## The Octopus

The word *octopus* means eight feet. That is how the octopus got its name. The octopus is an animal that has eight arms that extend from the center. It eats small crabs and scallops along with fish, turtles, and crustaceans. It is even known to eat other octopuses. The octopus is able to catch its prey with its long arms. It then bites the prey and poisons it with a nerve poison. This poison softens the flesh, and the octopus is then able to suck the flesh of the animal out of its shell or outer covering.

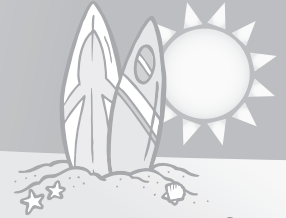
The octopus can mostly be found hunting during nighttime. Some people fear the octopus, but there is only one octopus that has been known to have a poison that is strong enough to kill a person. This is the Australian blue-ringed octopus.

Along with its eight arms, the octopus has a head with two eyes on either side. It has very good eyesight. The octopus does not have hearing. Each arm has suction cups in two rows. These suction cups help the octopus hold things. It is true that if the octopus loses an arm it will grow back. The octopus also has blue blood.

The octopus lives in dens and crevices of the ocean floor. This protects the octopus from its main predator, the moray eel. It also provides a place for the octopus to lay its eggs. The octopus can squirt black ink as a defense against its enemies.

1. After reading this passage, what can you infer about why the octopus would squirt black ink?
  - A. The octopus is trying to show dominance.
  - B. The octopus uses the ink to hide from its predators.
  - C. The black ink brings good luck.
  - D. The octopus squirts black ink to scare the predator.
2. This passage is mostly about . . .
  - A. the description of and eating practices of the octopus.
  - B. how an octopus eats.
  - C. anatomy of the octopus.
  - D. how the octopus defends itself.
3. What is the meaning of the word **extend** as used in the passage?
  - A. ingest
  - B. spread
  - C. ignore
  - D. arrange

# Earth's Layers



Week 1: Tuesday

Science

**Directions:** Use the words in the Word Bank to label the diagram of Earth's layers. Then write a description of each layer.

## Word Bank

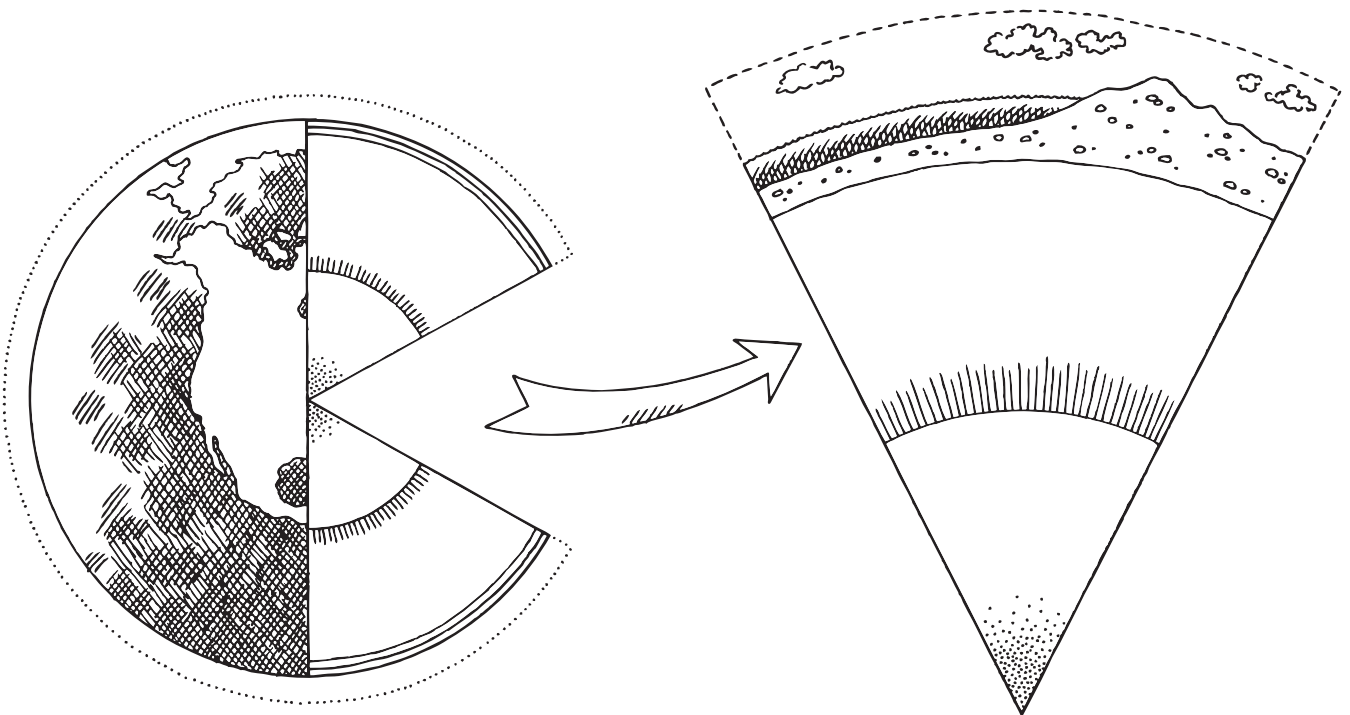
core

mantle

lithosphere

hydrosphere

atmosphere



Atmosphere: \_\_\_\_\_

Hydrosphere: \_\_\_\_\_

Lithosphere: \_\_\_\_\_

Mantle: \_\_\_\_\_

Core: \_\_\_\_\_



# Run-on Sentences

Week 1: Tuesday

Writing

☞ In the first type of run-on sentence, the sentence is missing punctuation and/or a coordinating conjunction.

Examples: She went to Australia she saw a kangaroo. (run-on)

She went to Australia. She saw a kangaroo. (correct)

She went to Australia, and she saw a kangaroo. (correct)

**Directions:** Study the run-on sentences below. Fix them by adding a period or a comma and a coordinating conjunction.

1. Molly bought groceries she also bought flowers.
2. Tracy swims every day she also jogs three miles.
3. Mr. DiMarco drove a red bus he painted it himself.
4. It's Tuesday the cafeteria will be serving pizza.
5. The singer canceled her concert her throat was hurting.
6. You need to take vitamins they keep you healthy.
7. My dog loves the forest he runs all over, sniffing trees.
8. The girl painted a picture she hoped to give it to her mother.

☞ In the second type of run-on sentence, the sentence is missing a conjunction.

Examples: We love the baseball team, we see a game every Saturday. (run-on)

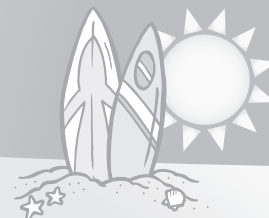
We love the baseball team, and we see a game every Saturday. (correct)

We love the baseball team, so we see a game every Saturday. (correct)

**Directions:** Study the run-on sentences below. Fix them by adding a conjunction.

1. She loves hot chocolate, she drinks three cups a day.
2. The soccer team lost the match, they'd practiced for weeks.
3. A bird made a nest in Mark's chimney, he had to call a chimney sweep.
4. Grandpa taught me to fish, we caught three trout.
5. Honeybees have a hive in that tree, don't get stung.
6. She loves to take the bus, the passengers are so interesting.
7. The photographer gave me the photos, they were extraordinary.
8. Mavis signed copies of her book at the festival, many people wanted to meet her.

# Time and Distance



Week 1: Wednesday

Math

**Directions:** The community park is sponsoring a ride-a-thon. People can bring their bicycles, skateboards, scooters, or skates. Help compute time and distance for the riders.

## Reminders

- Time is computed by dividing the distance traveled by the rate of speed.  $t = \frac{d}{r}$
- Distance is computed by multiplying the rate of speed times the amount of time expended.  $d = rt$

1. Kyle rode his skateboard 40 minutes at an average speed of 80 feet per minute. What distance did he travel? \_\_\_\_\_ feet
2. Ashley rode her skateboard 3,200 feet at 80 feet per minute. How many minutes did she ride? \_\_\_\_\_ minutes
3. The school principal rode her bicycle for 50 minutes at an average speed of 200 feet per minute. How many feet did she travel? \_\_\_\_\_ feet
4. Jeffrey rode his in-line skates for 99 minutes at an average speed of 72 feet per minute. What distance did Jeffrey travel? \_\_\_\_\_ feet
5. Veronica rode her motorized scooter 31,680 feet at an average speed of 80 feet per minute. How many minutes did she ride her scooter? \_\_\_\_\_ minutes
6. Gavin rode his scooter 86 feet per minute for 90 minutes. How many feet did he ride? \_\_\_\_\_ feet
7. Marie rode her mountain bike for 240 minutes at an average speed of 100 feet per minute. How far did she ride? \_\_\_\_\_ feet
8. Louise rode her scooter 40,240 feet at 80 feet per minute. How many minutes did she ride her scooter? \_\_\_\_\_ minutes
9. Jonathan skated 32,800 feet at 80 feet per minute. How many minutes did he skate? \_\_\_\_\_ minutes
10. Kristin rode her bicycle 320 minutes at 95 feet per minute. How many feet did she ride? \_\_\_\_\_ feet



# Fact or Opinion?

Week 1: Wednesday

Reading

A *fact* is true and can be proven. An *opinion* is someone's thoughts or feelings about an issue.

## Examples

**Fact:** Dinosaurs roamed the planet many years ago.

**Opinion:** Dinosaurs were the scariest creatures that ever roamed the planet.

**Directions:** Read each statement. Write **fact** if the statement is a fact. Write **opinion** if the statement is an opinion.

- \_\_\_\_\_ 1. There are twelve months in a year.
- \_\_\_\_\_ 2. Chocolate is the best flavor of ice cream.
- \_\_\_\_\_ 3. The best night to watch television is Friday.
- \_\_\_\_\_ 4. Five feet is equal to 60 inches.
- \_\_\_\_\_ 5. Numbers are infinite.
- \_\_\_\_\_ 6. Everyone should use words like *please* and *thank you*.
- \_\_\_\_\_ 7. Social studies is the best subject.
- \_\_\_\_\_ 8. Running a mile is harder than swimming a mile.
- \_\_\_\_\_ 9. Dogs make better pets than cats.
- \_\_\_\_\_ 10. Nine plus seven equals 16.
- \_\_\_\_\_ 11. Breakfast is the best meal of the day.
- \_\_\_\_\_ 12. George Washington was the first president of the United States.
- \_\_\_\_\_ 13. Europe is a continent.
- \_\_\_\_\_ 14. The Atlantic Ocean is much nicer than the Pacific Ocean.



# Where in the World?



Week 1: Thursday

Social Studies

**Directions:** List the countries in the Country Box under the appropriate continents.

## Country Box

Switzerland	Kenya	Costa Rica	Canada	Saudi Arabia
Libya	United Kingdom	Brazil	Venezuela	Iran
Japan	Spain	Israel	France	Nicaragua
Ethiopia	Vietnam	Poland	Chile	Nigeria
El Salvador	Ecuador	Thailand	Cuba	Morocco
Iraq	United States	Sweden	Algeria	Egypt
China	Germany	Uruguay	Philippines	Guatemala
Italy	India	Bolivia	Angola	Greece
Mexico	Sudan	Colombia	Peru	Panama
Paraguay	Greenland	Tanzania	Hungary	Argentina

**Africa**

**Asia**

**Europe**

**North America**

**South America**



# Sensory Words

Week 1: Thursday

Writing

Sensory words are words that describe how something *feels*, how something *looks*, how something *sounds*, how something *smells*, or how something *tastes*.

*Example:* The tang of the rhubarb made my tongue tingle. taste (tang) and feel (tingle)

**Directions:** Write a sentence that uses one of the five senses to describe each of the following.

1. pizza \_\_\_\_\_
2. soccer ball \_\_\_\_\_
3. camel \_\_\_\_\_
4. sports announcer \_\_\_\_\_
5. notebook \_\_\_\_\_
6. tennis shoes \_\_\_\_\_
7. desert \_\_\_\_\_
8. beach \_\_\_\_\_
9. surprise \_\_\_\_\_
10. happiness \_\_\_\_\_
11. embarrassment \_\_\_\_\_
12. snake \_\_\_\_\_
13. rock \_\_\_\_\_

# Complete Sentences



Week 1: Friday

Test-Taking Practice

**Directions:** Read each group of words carefully. Find either the complete sentence or the fragment. Fill in the correct answer circle.

## Sample

Find the fragment.

- ☒ **A And bought popcorn too.**
- ☐ B I went to the movies.

- ☐ C The film was so scary I screamed!
- ☐ D I took my little sister to the movies.

1. Find the fragment.

- ☐ A I sing in the choir at church.
- ☐ B Late for my choir practice.
- ☐ C We rehearse two nights a week.
- ☐ D My mother sings in the choir as well.

2. Find the sentence.

- ☐ E So fast I nearly tripped over my feet!
- ☐ F And the bus was early.
- ☐ G I overslept and almost missed the bus.
- ☐ H Slowed down so I could get on.

3. Find the fragment.

- ☐ A The costume was very uncomfortable.
- ☐ B The trousers were way too big.
- ☐ C I had to shorten the trousers by about three inches.
- ☐ D Feathers and sequins on the sleeves.

4. Find the fragment.

- ☐ E It rained for nearly twelve hours.
- ☐ F Flooded and filled with debris.
- ☐ G I saw a car floating in the street.
- ☐ H The playground was destroyed.

5. Find the sentence.

- ☐ A Was big and gray.
- ☐ B The trunk and the legs.
- ☐ C The elephant weighed over a ton.
- ☐ D An unbelievable amount of food.

6. Find the sentence.

- ☐ E They lost by thirteen points.
- ☐ F Fumbled the ball twice.
- ☐ G Was injured in the third quarter.
- ☐ H The quarterback and the kicker.

7. Find the fragment.

- ☐ A The characters were so lifelike.
- ☐ B My favorite book by.
- ☐ C It has a surprise ending.
- ☐ D The author is from Alaska.

8. Find the sentence.

- ☐ E Made hot dogs and baked beans.
- ☐ F The picnic was really.
- ☐ G Most of the food.
- ☐ H There was a lot of food at the picnic.



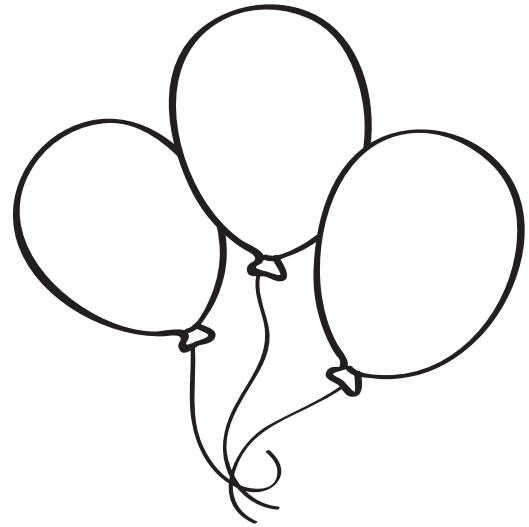
# Birthday Magic

Week 1: Friday

Friday Fun

**Directions:** Follow the instructions below to work out this astonishing math equation. Be sure to complete the instructions in order. You may need a piece of scratch paper in order to work some equations.

1. Write down the number of the month you were born. (For instance, if you were born in March, write down 3.) \_\_\_\_\_
2. Multiply the number above by 4. \_\_\_\_\_
3. Add 13 to the number above. \_\_\_\_\_
4. Multiply the number above by 25. \_\_\_\_\_
5. Subtract 200 from the number above. \_\_\_\_\_
6. Add the day of the month on which you were born to the number above. \_\_\_\_\_
7. Multiply the number above by 2. \_\_\_\_\_
8. Subtract 40 from the number above. \_\_\_\_\_
9. Multiply the number above by 50. \_\_\_\_\_
10. Add the last two digits of the year of your birth to the number above. \_\_\_\_\_
11. Subtract 10,500 from the number above. \_\_\_\_\_



What is significant about your answer? \_\_\_\_\_

\_\_\_\_\_

# Answer Key

## Page 11

- |                |            |
|----------------|------------|
| 1. 54,132      | 9. 2,808   |
| 2. 288,184     | 10. 1,927  |
| 3. 4,722,070   | 11. 1,827  |
| 4. 44,042,130  | 12. 643    |
| 5. 17,710,528  | 13. 32     |
| 6. 51,298,965  | 14. 1,396  |
| 7. 26,896,941  | 15. 552    |
| 8. 196,493,054 | 16. 12,400 |

## Page 12

1. B                      2. A                      3. B

## Page 13

Answers will vary, but should be similar to the following:

Atmosphere—the gaseous layer that surrounds Earth

Hydrosphere—the layer of water on Earth

Lithosphere—this layer includes Earth's crust and the upper mantle; it is hard and rocky

Mantle—this layer is semisolid and hot

Core—the center of Earth is very dense and extremely hot; it consists of the inner core, which is solid, and the outer core, which is liquid

## Page 14

Answers will vary.

## Page 15

- |                |                 |
|----------------|-----------------|
| 1. 3,200 feet  | 6. 7,740 feet   |
| 2. 40 minutes  | 7. 24,000 feet  |
| 3. 10,000 feet | 8. 503 minutes  |
| 4. 7,128 feet  | 9. 410 minutes  |
| 5. 396 minutes | 10. 30,400 feet |

## Page 16

- |            |             |
|------------|-------------|
| 1. fact    | 8. opinion  |
| 2. opinion | 9. opinion  |
| 3. opinion | 10. fact    |
| 4. fact    | 11. opinion |
| 5. fact    | 12. fact    |
| 6. opinion | 13. fact    |
| 7. opinion | 14. opinion |

## Page 17

**Africa:** Egypt, Libya, Algeria, Morocco, Ethiopia, Sudan, Kenya, Nigeria, Tanzania, Angola

**Asia:** China, Japan, India, Vietnam, Iran, Saudi Arabia, Philippines, Israel, Iraq, Thailand

**Europe:** United Kingdom, France, Germany, Spain, Italy, Greece, Sweden, Switzerland, Poland, Hungary

**North America:** Greenland, Canada, United States, Mexico, Cuba, Costa Rica, Nicaragua, Panama, El Salvador, Guatemala

**South America:** Brazil, Uruguay, Argentina, Chile, Bolivia, Peru, Ecuador, Colombia, Venezuela, Paraguay

## Page 18

Answers will vary.

## Page 19

- |      |      |
|------|------|
| 1. B | 6. E |
| 2. G | 7. B |
| 3. D | 8. H |
| 4. F |      |
| 5. C |      |

## Page 20

Answers will vary. The final answer should be the month, day, and year of the student's birthday.

## Page 21

- |        |                        |
|--------|------------------------|
| 1. 16  | 9. 12 cups             |
| 2. 2   | 10. 64 fluid ounces    |
| 3. 128 | 11. 20 quarts          |
| 4. 4   | 12. 18 cups            |
| 5. 6   | 13. 24 pints           |
| 6. 3   | 14. 4 gallons          |
| 7. 16  | 15. Answers will vary. |
| 8. 2   |                        |

## Page 22

1. All farmers who are growing the new hybrid of wheat are expected to have a good harvest.
2. Kareem Abdul-Jabbar, who holds several NBA records, retired from basketball in 1989.
3. Founded in 1636, Harvard College is the oldest college in the United States.
4. The inventions created by Thomas Edison have changed the way people live around the world.
5. Jose had a tremendous fear of spiders, which is known as arachnophobia.
6. My blue suit, hanging in the closet downstairs, looks best with my red and blue tie.

## Page 23

1. they believed you needed your body in the afterlife
2. 70
3. canopic jars
4. embalmers
5. what ancient Egyptians ate and what kinds of diseases they suffered from

## Page 24

7, 4, 2, 6, 1, 5, 3