

3rd Grade Math April 13-17 Material

Question 1 .

Directions: Type the correct answer in each box. Use numerals instead of words.

Look at the expression.

$$8 \times 6$$

Fill in the blanks in the story problem to match the expression. Then, solve the expression.

Albert read 8 paragraphs that each had sentences in it. Albert read total sentences.

Question 2 .



35 liters

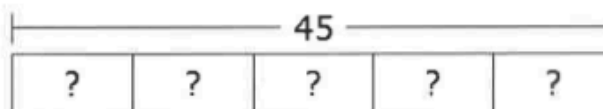
The barrel above contains 35 liters of water. If it were divided equally into 5 smaller containers, how many liters would be in each container?

- A. 2
- B. 12
- C. 7
- D. 175

Question 3 .

Directions: Type the correct answer in each box. Use numerals instead of words.

The tape diagram below represents a division equation.



Use the tape diagram to fill in the unknown numbers in the equation.

$$\boxed{} \div 5 = \boxed{}$$

Question 4 .

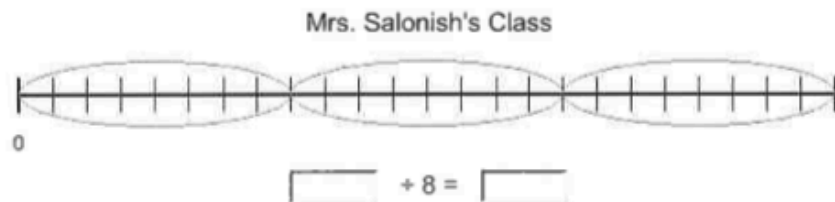
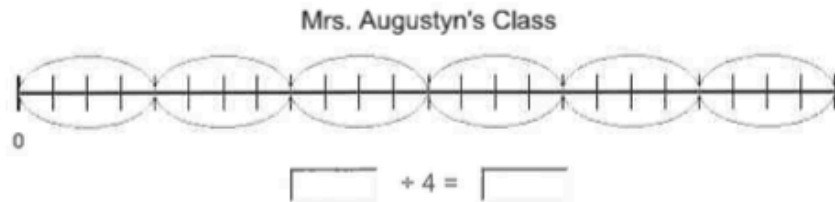
Directions: Type the correct answer in each box. Use numerals instead of words.

Mrs. Augustyn and Mrs. Salonish have the same number of students in their classes.

Mrs. Augustyn put four students into each group until all the students were in a group.

Mrs. Salonish put eight students into each group until all the students were in a group.

Use the repeated subtraction shown on the whole number number lines to complete the division number sentences.



Question 5 .

Use the model to find $27 \div 3$.



- A. 9
- B. 7
- C. 8
- D. 6

Question 6 .

Directions: Type the correct answer in each box. Use numerals instead of words.

First, find the unknown number in the multiplication equation. Then, use the multiplication equation to find the unknown number in the division equation.

$$9 \times \square = 72$$

$$72 \div \square = 8$$

Question 7 .

Nicolas has 28 marbles. He is going to divide them into 4 equal groups. Which of the following would help him figure out how many marbles will be in each group?

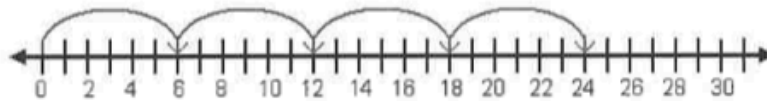
- A. $4 \div 28$
- B. $28 \div 4$
- C. $28 - 4$
- D. 28×4

Question 8 .

Maggie is planting a flower garden. She has 21 flowers and plants 7 flowers a day. Use a table to determine how many days will it take Maggie to plant all of her flowers.

- A. 10 days
- B. 7 days
- C. 4 days
- D. 3 days

Question 9 .



What number sentence does the number line show?

- A. $4 \times 6 = 24$
- B. $0 + 4 = 4$
- C. $3 \times 6 = 18$
- D. $20 + 4 = 24$

Question 10 .

Directions: Select the correct answer from each drop-down menu.

Complete the statement to model the division expression $36 \div 9$.

Mr. Strader sorted buttons equally into boxes.

Question 11 .

Directions: Select ALL the correct answers.

Beatrice puts her video games on a bookshelf. She puts a total of 21 video games on the shelves. She puts the same number of video games on each of 3 shelves.

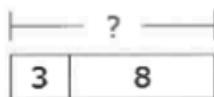
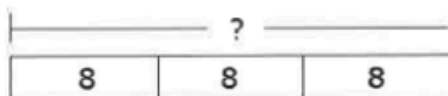
Which equations represent this story problem?

- ☐ $21 + 7 = 3$
- ☐ $7 = 21 \div 3$
- ☐ $21 \div 3 = 7$
- ☐ $21 - 3 = 18$
- ☐ $21 = 3 \times 7$

Question 12 .

Directions: Select ALL the correct answers.

Which of these match the expression 3×8 ?



☐ Steven buys 3 boxes of snack bars. There are 8 snack bars in each box. How many snack bars did he buy?

☐ Elisia puts 3 books in her backpack. Then, she puts 8 books in her backpack. How many books does she have in her backpack?

☐ Lilly has 3 coins in her bag. She puts more coins in her bag, and there are 8 coins in her bag now. How many coins did she put in her bag?

Question 13 .

Which expression matches the model?



- A. 4×8
- B. $4 + 2$
- C. 8×2
- D. $8 + 2$

Question 14 .

Janet has 2 pictures to color. It takes Janet 4 minutes to color each picture. Which of the following shows how to find the total number of minutes she spends coloring?

A. $4 \div 4$

B. 4×2

C. $4 \div 2$

D. 4×4

Question 15 .

Directions: Type the correct answer in each box. Use numerals instead of words.

A parking lot has 3 rows of parking spaces. There are 8 parking spaces in each row. There are 24 parking spaces in all in the parking lot.

Fill in the blanks to complete the equation so that it matches the story.

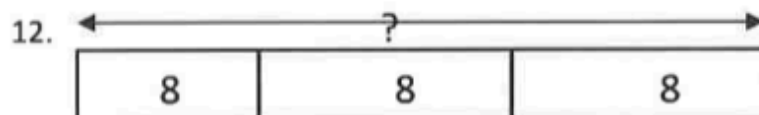
$$3 \times \boxed{} = \boxed{}$$

Answers

1. --
2. C
3. --
4. --
5. A
6. --
7. B
8. D
9. A
10. --
11. --
12. --
13. C
14. B
15. --

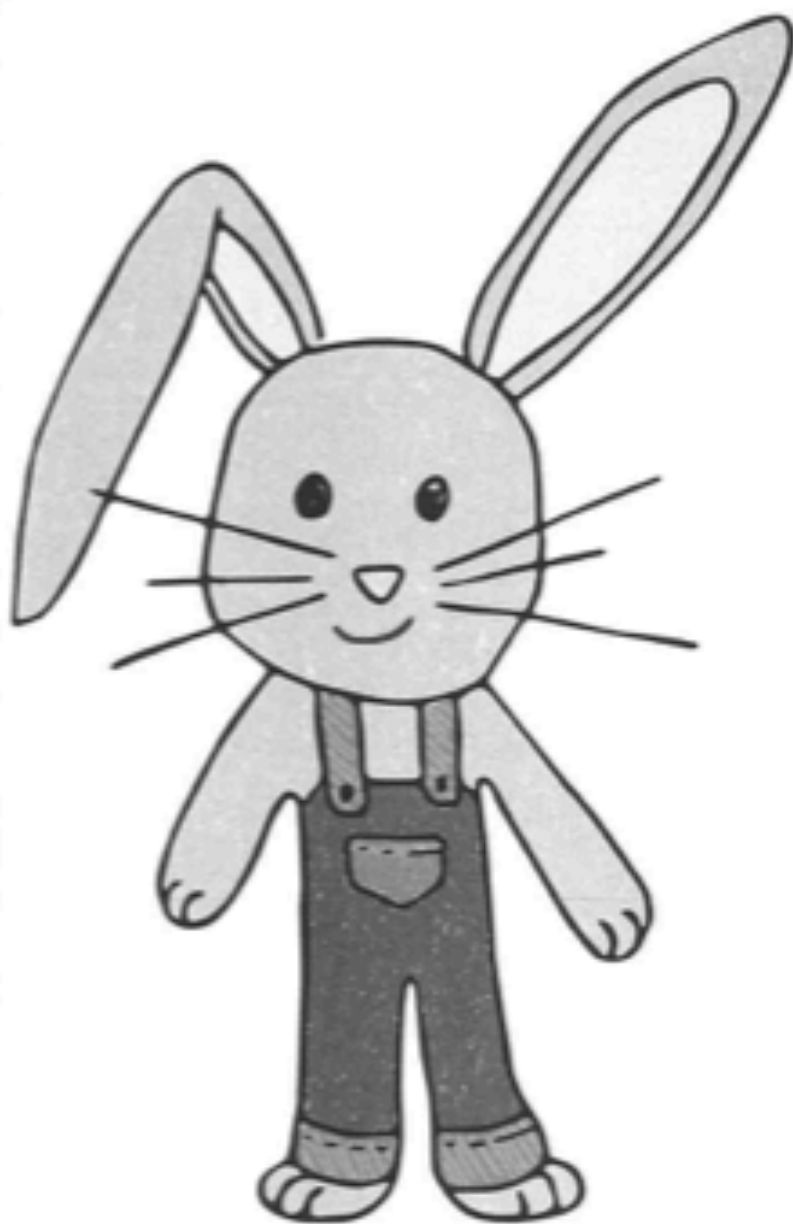
3rd grade answer key

1. 6; 48
2. C
3. $45 \div 5 = 9$
4. $24 \div 4 = 6$; $24 \div 8 = 3$
5. A
6. $9 \times 8 = 72$; $72 \div 9 = 8$
7. B
8. D
9. A
10. Mr. Strader sorted 36 buttons equally into 9
11. $21 \div 7 = 3$; $7 = 21 \div 3$



Steven buys 3 boxes of snack bars. There are 8 snack bars in each box. How many snack bars did he buy?

13. C
14. B
15. $3 \times 8 = 24$



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OPTIONAL

Egg Basket

You're going on an egg hunt! You need a basket that holds all the eggs you find. Can you construct a basket with only 10 pipe cleaners to hold all your eggs?



Materials

- 10 pipe cleaners
- Plastic eggs

Objective

Create a basket with 10 pipe cleaners that will hold the largest amount of eggs

Name: _____

Egg Basket

Can you construct a basket with 10 pipe cleaners to hold the maximum amount of eggs?



Materials:

How many eggs did your basket hold?

_____ eggs

Design

What worked well with your design?

How would you improve your basket if you made it again?



Weekly Language Review

Week #31



Name _____

Date _____



Day 1	<p>Circle the adverbs and underline the verbs in each sentence.</p> <p>a. Rex ate quickly and then burped. b. The wind blew gently. c. The boys swam yesterday. d. The stars shine brightly.</p>	<p>Which pronoun could replace the underlined word?</p> <p><u>Kyle and Jake</u> will win a prize.</p> <p>a. they b. we c. them d. us</p>	<p>Circle the synonym for the following word.</p> <p>astonished</p> <p>a. wounded b. surprised c. astray</p>	<p>Circle the adjectives and underline the nouns in each sentence.</p> <p>a. The slow turtle won the race. b. The spotted jaguar hid in the dark. c. My little sister whined all night. d. The funny boy told us jokes.</p>
Day 2	<p>Spell the past tense form of the verb in parenthesis ().</p> <p>Amy (give) her old books to a friend. _____</p>	<p>Circle the antonym for the following word:</p> <p>professional</p> <p>a. proceed b. fantastic c. amateur</p>	<p>Circle the meaning for the following prefixes: fore- and dis-.</p> <p>Example: distrust, dislodge a. none b. not c. less</p> <p>Example: foretell, forecast a. before b. with c. able</p>	<p>Underline the proper nouns.</p> <p>Florida, Texas, California, and Alaska are the largest states.</p>
Day 3	<p>What type of figurative language is the following sentence?</p> <p>She's a mama grizzly bear. simile or metaphor</p>	<p>Complete the analogy.</p> <p>astronaut: rocket:: driver: _____</p>	<p>Which parts of a book would you find at the end of a book?</p> <p>copyright, table of contents, index, glossary</p>	<p>Underline the complete subject once and underline the complete predicate twice.</p> <p>The baby ducklings followed their mother all the way to the pond.</p>
Day 4	<p>Underline the nouns and circle the nouns that describe them.</p> <p>The courageous astronaut explored the surface of the moon.</p>	<p>Write the homophone for the following words.</p> <p>piece _____ maid _____ sail _____</p>	<p>Correct the following sentence.</p> <p>dr james brown traveled to miami florida on may 15 2012</p>	<p>Write F for fragment of S for sentence.</p> <p>a. She smiled at. ____ b. Sara asked for a favor ____ c. The crazy, angry bird ____ d. The sparkling diamond necklace ____</p>



Weekly Language Review

Week #31



Name Answer Key # Date



Day 1	<p>Circle the adverbs and underline the verbs in each sentence.</p> <p>a. Rex ate <u>quickly</u> and then burped. b. The wind blew <u>gently</u>. c. The boys swam <u>yesterday</u>. d. The stars shined <u>brightly</u>.</p>	<p>Which pronoun could replace the underlined word?</p> <p>Kyle and <u>John</u> will win a prize.</p> <p>a. they b. we c. them d. us</p>	<p>Circle the synonym for the following word.</p> <p>astonished</p> <p>a. wounded b. surprised c. astray</p>	<p>Circle the adjectives and underline the nouns in each sentence.</p> <p>a. The <u>slow</u> turtle won the <u>race</u>. b. The <u>spotted</u> jaguar hid in the <u>dark</u>. c. My <u>little</u> sister whined all <u>night</u>. d. The <u>funny</u> boy told us <u>jokes</u>.</p>
Day 2	<p>Spell the past tense form of the verb in parenthesis ().</p> <p>Amy (give) her old books to a friend.</p> <p><u>gave</u></p>	<p>Circle the antonyms for the following words:</p> <p>professional</p> <p>a. proceed b. fantastic c. amateur</p>	<p>Circle the meaning for the following prefixes: fore- and dis-</p> <p>Example: distrust, dislodge</p> <p>a. none b. not c. less</p> <p>Example: foretell, forecast</p> <p>a. before b. with c. able</p>	<p>Underline the proper nouns.</p> <p><u>Florida, Texas, California, and Alaska</u> are the largest states.</p>
Day 3	<p>What type of figurative language is the following sentence?</p> <p>She's a mama grizzly bear.</p> <p><u>simile</u></p>	<p>Complete the analogy.</p> <p>astronaut: rocket:: driver: <u>race car</u></p>	<p>Which parts of a book would you find at the end of a book?</p> <p>copyrights, table of contents, <u>index, glossary</u></p>	<p>Underline the complete subject once and underline the complete predicate twice.</p> <p><u>The baby ducklings</u> followed their mother all the way to the pond.</p>
Day 4	<p>Underline the nouns and circle the adjectives that describe them.</p> <p>The <u>courageous</u> <u>astronaut</u> explored the <u>surface</u> of the <u>moon</u>.</p>	<p>Write the homophone for the following words.</p> <p>piece <u>peace</u> maid <u>made</u> sail <u>sale</u></p>	<p>Correct the following sentence.</p> <p>Dr. James Brown traveled to Miami, Florida on May 15, 2012.</p>	<p>Write F for fragment of S for sentence.</p> <p>a. She smiled at. <u>F</u> b. Sara asked for a favor. <u>S</u> c. The crazy, angry bird. <u>F</u> d. The sparkling diamond necklace. <u>F</u></p>

The Red Planet

technology – the use of science tools or ideas to do or make things

orbited – traveled around something in a curved path

temperature – how hot or cold something is, such as air

impact craters – bowl-shaped dents in the ground caused by large space rocks hitting a planet or moon

One hundred years ago, going to the moon was a crazy, impossible idea. The only way to study the moon was to **observe** it from Earth using telescopes. Starting in 1959, however, **unpiloted spacecraft** landed on the moon. They took photos and studied the rocks and soil. Ten years later, astronauts Neil Armstrong and Buzz Aldrin walked on the moon. What once seemed impossible came true, thanks to advances in **technology** and a lot of hard work.

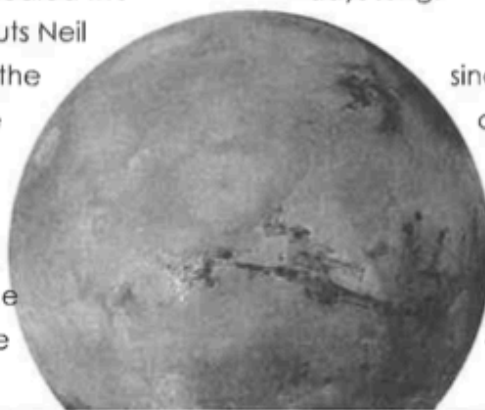
Today's crazy space idea is to travel to Mars. Can it be done? No one knows for sure. However, many people

are working to make it happen. Why Mars? It's our best hope for visiting another planet.

Any planet we visit needs to be made of rock rather than gases. People could only stand on—and land a spaceship on—a rocky planet. Besides Earth, the only rocky planets in our solar system are Mercury, Venus, and Mars. (Jupiter and the planets beyond it are made of gases, so they have no solid ground.) Mercury and Venus are far too hot to travel to, which leaves Mars.

After Venus, Mars is our nearest neighbor in space. It's about half the size of Earth, and its surface area is about the same as all of Earth's land put together. One day on Mars is 24 hours and 37 minutes—a little longer than an Earth day, which lasts 24 hours. However, a year on Mars is 687 days. That's almost twice as long as an Earth year, which is 365 days long.

Spacecraft have been visiting Mars since 1964. They have flown by, **orbited**, or landed and have sent information back to Earth. Because of all this information, we know a lot about Mars. Like Earth, Mars has seasons and weather. However, its atmosphere—the air that surrounds it—is much thinner



Additional words

observe – to watch carefully

unpiloted – without someone driving

spacecraft – a vehicle that is used for travel in outer space

than Earth's, so it doesn't hold in heat very well. As a result, Mars is much, much colder than Earth. A summer day on Mars is like September in Chicago, but the **temperature** drops to -100 at night. And in winter, the **temperature** can be at least twice that cold at the poles.

The surface of Mars is dusty and dry, with soil that contains iron, a metal. Because the iron rusts, the planet's surface looks reddish from far away. For that reason, Mars is called the Red Planet. It has deep valleys and long-dead volcanoes. It also has dust storms as well as **impact craters** from space rocks hitting the planet.



An impact crater on Mars

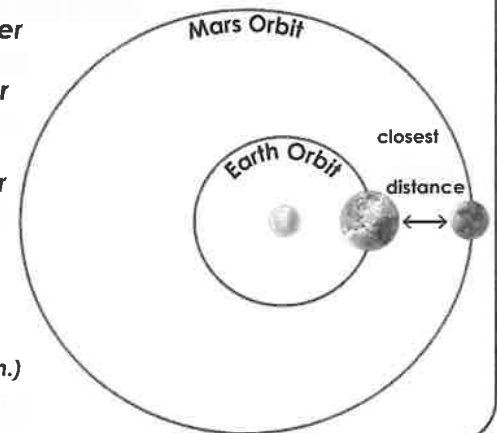
Mars has some water, but because of the thin atmosphere, it doesn't stay in liquid form for long on the planet's surface. Sheets of ice known as ice caps cover the poles. Some features on Mars suggest that

the planet may have been much wetter several billion years ago. Water is needed for all life as we know it. Scientists don't think that Mars has living things today. However, they are searching for signs of life from long ago.

Scientists are also studying whether people can travel to Mars. NASA, the US space agency, set a goal of sending people there in the 2030s. Several other countries are also working on sending astronauts to Mars. What would it take? People would need to live and work in space for a long time. Being in space is hard on the body. Scientists are studying how people can stay healthy in space. They are also studying how to land safely on Mars and return to Earth. Going to Mars may seem like a crazy, impossible idea today. However, if it's anything like what happened with moon travel, we'll get there!

Mars is much closer to Earth at certain times than at other times. It depends on where the two planets are in their orbits around the sun.

(Model not drawn to scale. The sun is 109 times wider than Earth.)



Word Match

Draw a line to match the word to its definition.

- | | |
|-------------------|--|
| 1. Technology | • To watch carefully |
| 2. Orbited | • The use of science tools or ideas to do or make things |
| 3. Temperature | • How hot or cold something is |
| 4. Impact craters | • Traveled around something in a curved path |
| 5. Observe | • A vehicle that is used for travel in outer space |
| 6. Unpiloted | • Bowl-shaped dents in the ground |
| 7. Spacecraft | • Without someone driving |

Week 1: The Red Planet**MONDAY: KEY IDEAS AND DETAILS**

- 1** In your own words, list five facts about the surface of Mars. **RI.3.1**

- 2** Using complete sentences, list a main idea of the article and four key details. **RI.3.2**
The main idea of the article is

One key detail is

- 3** Why are scientists interested in water on Mars? **RI.3.3**
Scientists are interested in water on Mars because

TUESDAY: KEY CRAFT AND STRUCTURE

- 1** Using information in the article, explain the meaning of **technology**. How does this word relate to the topic of the article? **RI.3.4**

In the article, technology means

This word relates to the article because

- 2** Where in the article can you locate information about why Mars is the best choice of a planet to visit? Why is it the best choice? **RI.3.5** (beginning, middle, or end)

You can find the information about why Mars is the best choice to visit in the _____ of the article.

It is the best choice because

- 3** Do you think traveling to Mars is a good idea? Why or why not? **RI.3.6**

- 1 Study the diagram at the end of the article. In your own words, explain what it shows. How does it relate to the information in the text? **RI.3.7**

The diagram at the end of the article shows

Sentence Starts for #3

I think traveling to Mars is a good idea because

or

I think traveling to Mars is a bad idea because

The diagram relates to the information in the text because

- 2 What is the connection between the first paragraph, which is about the moon, and the rest of the article? **RI.3.8**

The connection between the moon and the rest of the article is that

- 1 In your own words, list three things that scientists need to figure out before astronauts can travel to Mars. **RI.3.1**

Before astronauts can travel to Mars, scientists need to figure out

- 2 According to the article, what is the effect of Mars's atmosphere being much thinner than Earth's atmosphere? **RI.3.3**

The effect of Mars's atmosphere being much thinner than Earth's atmosphere is that

- 3 Using the second photo, along with information in the article, explain the meaning of the term **impact crater**. **RI.3.7**

The term impact crater means

Answer Key The Red Planet

MONDAY, KEY IDEAS AND DETAILS

1	In your own words, in five facts about the surface of Mars, RI.3.1 1. The surface of Mars is a cold, dry, and dusty landscape. 2. The surface of Mars is covered in a layer of dust and sand. 3. The surface of Mars is covered in a layer of dust and sand. 4. The surface of Mars is covered in a layer of dust and sand. 5. The surface of Mars is covered in a layer of dust and sand.
2	Using complete sentences, in 5 sentences about the surface of Mars, RI.3.2 1. The surface of Mars is a cold, dry, and dusty landscape. 2. The surface of Mars is covered in a layer of dust and sand. 3. The surface of Mars is covered in a layer of dust and sand. 4. The surface of Mars is covered in a layer of dust and sand. 5. The surface of Mars is covered in a layer of dust and sand.
3	Why are scientists interested in Mars? RI.3.3 Scientists are interested in Mars because it is a planet that is very similar to Earth. It has a similar size, a similar atmosphere, and a similar magnetic field. Scientists are also interested in Mars because it is a planet that is very close to Earth. It is the only planet in our solar system that is close enough to Earth to be seen with the naked eye.

TUESDAY KEY CAPT AND SKILLS PRACTICE

1	Using information in the article, explain the meaning of technology now does the word refer to in the text of the article? RI.3.4 Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services. Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services.
2	Using the article, explain the meaning of technology now does the word refer to in the text of the article? RI.3.5 Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services. Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services.
3	Using the article, explain the meaning of technology now does the word refer to in the text of the article? RI.3.6 Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services. Technology is the use of scientific knowledge to create new products and services. It is the process of using scientific knowledge to create new products and services.

WEDNESDAY, INTEGRATING KNOWLEDGE AND IDEAS

1	Study the diagram at the end of the article. In your own words, explain what it shows. RI.3.7 The diagram shows the relationship between the different parts of the Mars rover. It shows how the different parts of the rover work together to collect and analyze data. The diagram shows the relationship between the different parts of the Mars rover. It shows how the different parts of the rover work together to collect and analyze data.
2	What is the connection between the first paragraph, which is about the rover, and the rest of the article? RI.3.8 The first paragraph of the article introduces the Mars rover. It describes the rover's mission and the challenges it faces. The rest of the article describes the different parts of the rover and how they work together to collect and analyze data. The first paragraph of the article introduces the Mars rover. It describes the rover's mission and the challenges it faces.

THURSDAY, MIXED SKILLS PRACTICE

1	In your own words, in three sentences, explain the need to figure out before the rover can leave Mars. RI.3.1 1. The rover needs to know the location of the Mars rover. It needs to know the location of the Mars rover. It needs to know the location of the Mars rover. It needs to know the location of the Mars rover.
2	According to the article, what is the effect of the Mars rover being much smaller than Earth's atmosphere? RI.3.3 The Mars rover is much smaller than Earth's atmosphere. This means that the Mars rover is much smaller than Earth's atmosphere. This means that the Mars rover is much smaller than Earth's atmosphere. This means that the Mars rover is much smaller than Earth's atmosphere.
3	Using the second chart, along with information in the article, explain the meaning of the term impact crater. RI.3.7 An impact crater is a crater that is formed by the impact of a meteorite or other celestial body. It is a crater that is formed by the impact of a meteorite or other celestial body. It is a crater that is formed by the impact of a meteorite or other celestial body. It is a crater that is formed by the impact of a meteorite or other celestial body.

Word Match








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| 6. Unpiloted | • Bowl-shaped dents in the ground |
| 7. Spacecraft | • Without someone driving |
-

Special Forces Choice Board

3-5

Color each square that you complete

20 body squats (solo or with a family member). Walk/jog 5 laps around your house/apartment.	Design your own watch.	See how many different items around the house you can use as an instrument (pots, pans, cans, spices etc.) BE CREATIVE!	Read to a pet or stuffed animal. 
Draw a picture using all the colors of the rainbow.	What are 5 words you can write on a music staff using only the letters in our musical alphabet (A,B,C,D,E,F, and G)? Can you draw a music staff (5 lines) and show where those notes go on the treble clef? (remember G is on line 2!)	Translate the title of a book into emojis. 	50 jumping jacks and 25 push-ups (5 sets of 5)
Go outside and listen to the different noises made by animals, insects, people, cars, planes, etc. See how many different noises you can identify.	Take a book outside and read. 	Pick 5 different muscles to stretch and hold for 20 seconds each. Do as many sit-ups you can do in 60 seconds.	Make and cut/ rip out your own puzzle.
Read to someone in your house. 	Take a walk. Dribble at least one of the following objects: soccer ball, basketball, tennis ball, or any type of ball you have.	Draw yourself as a cartoon character.	Create 4 beat rhythms (use only 4 notes) use ta  ti-ti  and rest Practice clapping, tapping, and patting them.
With a family member do the following: 60 jumping jacks, 25 push ups, stretch 5 (or more) muscles and walk/jog 5 lap around your yard. If you don't have a partner at home to do this with, this can be done alone. See how fast you can finish everything!	Make a collage using old magazines / newspapers.	Family music interview: Who are your favorite musicians/bands? What was the first concert you ever attended? What type of music is your favorite? Have your musical tastes changed throughout your life? (Parents/Guardians: play some examples of music for you kid(s).	Draw a character from a book you are reading the way you picture him or her in your mind. 

MINDFULNESS

From your ACS school counselors: Mrs. Green, Mrs. Dingess, Mrs. Jenkins and Mrs. Miller

Mindfulness is simply... *noticing what is happening right now. It's being where your feet are.*

Mindfulness is taking notice of how your body feels and what you see, smell and taste. Maybe you even feel emotions in your body, perhaps through a tightness somewhere, or a good sensation.

Mindfulness is also noticing what your mind is doing. It is important to try to be mindful every day.

Mindful or Unmindful?

Determine which of the following situations are mindful and which would be unmindful. Check at the bottom for answers.

1. Paying close attention to what someone else is saying so you can repeat back correctly what they said.
2. Trying to do too many things at the same time.
3. Daydreaming or "tuning out" what is going on around you without really noticing what is going on.
4. Helping someone in need, someone with physical challenges, or someone whose needs are different from your own.
5. Eating your food slowly and noticing how it feels in your mouth and the different tastes you notice.

Mindfulness Activity

Now try being mindful for a day! Use your five senses to be mindful.

See - Look, really look closely at something you have never really noticed. Find a flower, a rock or something in your home that you can check out closely. What colors do you see? How does its size compare to other things around you?

Hear - Sit quietly for several minutes with your eyes closed. What sounds do you hear? Are they loud sounds or quiet sounds? High pitched or low pitched?

Touch - Find objects to touch. Are they rough or smooth? Hard or soft? What shapes do you see?

Smell - What smells do you notice in your home? Outside? Can you find flowers, leaves or grass that have different scents?

Taste - This one may be the most fun! Take time to eat more slowly. How does what you are eating feel in your mouth? It is crunchy or soft? Salty, sweet, bitter, or sour?