6th Grade Maroon and Gold - NTI Day 19 Checklist

Required Assignments: The following assignments should be completed for NTI Day 19. These assignments are required for all students!

_____ MATH - Putting it all together

_____ ENGLISH LANGUAGE ARTS - Independent Reading (10 minutes) - Please have your parent/guardian initial. Read and answer the questions for the article "The Art of Kindness". Read and answer the questions for the article "He Held Crying...". Complete the RACE question for "Art of Kindness".

_____ SOCIAL STUDIES - Use the "Famous Architecture of Ancient Greece" reading to complete the 2 sided question worksheet. You should complete multiple choice 1-6 and short answer 1-7.

_____ SCIENCE - Continue the moon phase calendar. Complete pages 121-124 using the Earth's Motion "What causes tides?" packet

_____ EXPLORE - See explore packet for directions and assignments.

Optional Assignments: The following assignments are optional. We encourage you to complete at least some of these assignments each day.

_____ Read for 20 minutes - either to yourself or to a younger sibling!

_____ Complete lessons in Edmentum
      Account: HCBOE2
      Login: Lightspeed username (for example, kwhalen2026)
      Password: Lightspeed password

_____ Join the NEW NTI Day Google Classrooms and complete the supplemental activities posted there.
      Social Studies code: qzaivku
      Science code: dadch3d
      ELA code: p6yh3ma

{Most Important Contact List}

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Read this page!

The **center** of a numerical data set summarizes all of the values with one number. Mathematicians often use *mean* or *median* to calculate the center of their data set.

Mean

The mean is the average.

Add all of the numbers in a data set and then divide the sum by the total number of data points.

data set: 6, 8, 6, 8, 7, 4, 3

$6 + 8 + 6 + 8 + 7 + 4 + 3 = 42$

$42 ÷ 7 = 6$ $\dfrac{42}{7} = 6$

mean = 6

Median

The median is the middle value.

Order the numbers in a data set from least to greatest. Identify the number that falls in the middle.

data set: 6, 8, 6, 8, 7, 4, 3

3, 4, 6, 6, 7, 8, 8

median = 6

The **variation** uses one number to describe how all of the values are different. The most basic measure of variation is *range*.

Range

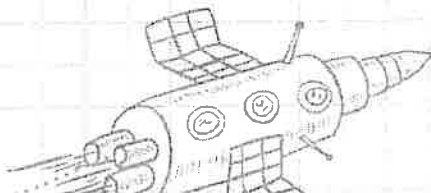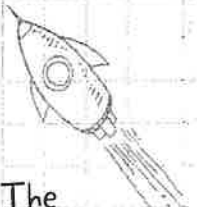*The range is the difference between the highest and lowest value in a data set.*

Subtract the lowest value from the highest value.

6, 8, 6, 8, 7, 4, 3

$8 - 3 = 5$

range = 5

mean = 6

(You may use a calculator.)

Lesson Practice

Choose the correct answer.

1. Roger bowled 7 games last weekend. His scores are: 155, 165, 138, 172, 127, 193, 142. What is Roger's median score?

   A. 127　　　C. 156
   B. 155　　　D. 193

2. What is the mode of this data set?

   84, 92, 68, 79, 94,
   84, 92, 79, 84, 68

   A. 68　　　C. 84
   B. 79　　　D. 92

Use the data below for questions 3 and 4.

The number of pages that Carolyn wrote in her journal each day from Monday to Friday is shown below.

9, 8, 12, 6, 10

3. What is the mean number of pages she wrote per day?

   A. 5　　　C. 9
   B. 6　　　D. 11

4. What is the median number of pages she wrote per day?

   A. 5　　　C. 9
   B. 6　　　D. 11

Use the data below for questions 5–7.

The number of miles that Jenna cycled each week for a 7-week period is shown below.

36, 42, 28, 52, 48, 36, 31

5. What is the median number of miles Jenna cycled?

   A. 24
   B. 36
   C. 39
   D. 52

6. What is the mode number of miles Jenna cycled?

   A. 7
   B. 36
   C. 42
   D. There is no mode.

7. What is the mean number of miles Jenna cycled?

   A. 31
   B. 36
   C. 39
   D. 41

Wins per Season

Season	1	2	3	4	5	6
Number of Wins	27	18	24	25	12	?

What number of wins does the team need in season 6 to have a mean of 21 wins for all six seasons?

A. 18

B. 20

C. 22

D. 24

9. Joshua's math test scores were 81, 94, 90, 97, 50, and 86.

A. Find the median and the mean of the data.

median = _____

mean = _____

B. Which better describes the data, the median or the mean? Explain your answer.

_____

_____

_____

What is a *statistical question?* It's a question that can be answered by *collecting data,* and you expect to collect a *variety* of *answers*.

Check all that are statistical questions:

☐ Who won the Major League Baseball MVP award last year?

☐ What are the weights of the babies in the nursery?

☐ How many females are in Mrs. O'Neil's class?

☐ How many puppies did the vet see each day last week?

Sunny wants to know how fast each student in her gym class can run one mile.   6.SP.B.5.B

How could she collect the data to answer this question?

What units would she use to label the data?

What other units can be used to represent time?

<u>Reading NTI Day #19</u>

I Can Statement: I can identify text structure and author's purpose in various texts.

Bell ringers:
1. What does it mean to analyze?
   Answer:
2. What is a static character?
   Answer:
3. Which point of view knows the thoughts and feelings of multiple characters?
   Answer:

Checklist:

_____ Independent Reading (10 minutes) - Please have your parent/guardian initial.

_____ Read and answer the questions for the article "The Art of Kindness"

_____ Read and answer the questions for the article "He Held Crying..."

_____ Complete the RACE question for "Art of Kindness"

Mrs. Campbell and Mrs. Marshall know that you might get bored while you are at home, so here is a fun game you can play: Write down names of people, places, characters, and things on a piece of paper and put it into a hat. Have members of your family draw out a piece of paper. Ask them yes or no questions about the topic, until someone guesses what is on their sheet of paper. That person gets to go next. This will be fun and help you improve your deductive reasoning skills.

"Don't just fly, *soar.*" -- Dumbo

The art of kindness

By WikiHow, adapted by Newsela staff on 07.20.18
Word Count 1,179
Level 790L

Image 1. Princess Diana meets the children at a playschool in Melbourne, Australia, in 1985. Diana was a member of the British royal family. She would often visit schools and hospitals, and did charity work to help against diseases, protect animals and help war-torn countries. People around the world loved and looked up to her for her kindness and compassion. Photo by: Jayne Fincher/Getty Images

Being kind is an important way to bring meaning to our lives. It is also a way to bring joy to the lives of those around us. Being kind allows us to communicate better and have a good effect on people's lives. Kindness is something that everyone can learn.

Care For Others Genuinely

Kindness is about caring genuinely for others around you. It is about wanting the best for them and recognizing in them the same wants, needs and even fears that you have. Ultimately, kindness is about caring deeply for all beings.

Don't Be Kind For The Sake Of Getting What You Want

Beware of fake kindness. The writer Piero Ferrucci said that true kindness is not about being polite or generous in order to get something from someone. Being nice just because you want other people to help you is manipulation, not kindness.

Be Kind To Yourself

Many people make the mistake of trying to be kind to others without being kind to themselves first. Some of this can come from not liking certain aspects of yourself. But it usually comes from not knowing yourself well enough. Take time to become more self-aware. Use this learning to be kinder to both yourself and to others. Remember that we all have weaknesses.
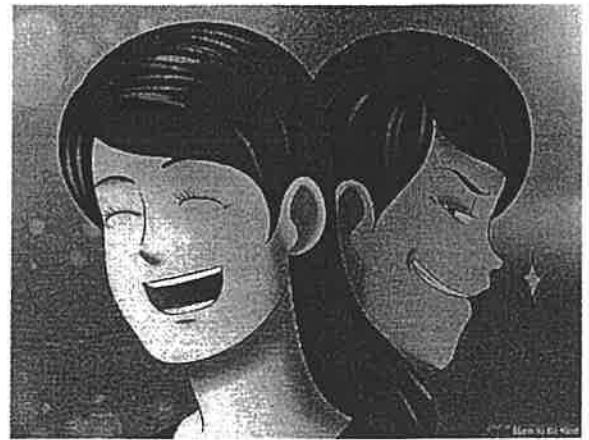
Make A Habit Of Focusing On Kindness

Kindness is a habit that everyone can learn. Writer Leo Babauta says one way you can do this is by focusing on kindness every day for a month. At the end of this exercise, you'll feel better about yourself as a person. You'll also find that people react to you differently, and might treat you better.

### Be Kind To Everyone, Not Just People "In Need"

Expand your circle of kindness. It is easy to be kind only to those people who are truly in need, such as the sick and the poor. But we should remember to be kind to everyone, no matter who they are.

Judge Less

If you really want to be kind, then you have to stop judging people. Instead of spending your time criticizing others, work on being positive and thoughtful. Focus on helping others instead of judging them for not being better than they are.

Be Compassionate Toward Others

It's important to remember that other people are facing challenges, too. It's easy for us to lose sight of that when we are caught up in our own problems. Even when you're feeling at your very worst, remember that other people are also feeling pain and sadness.
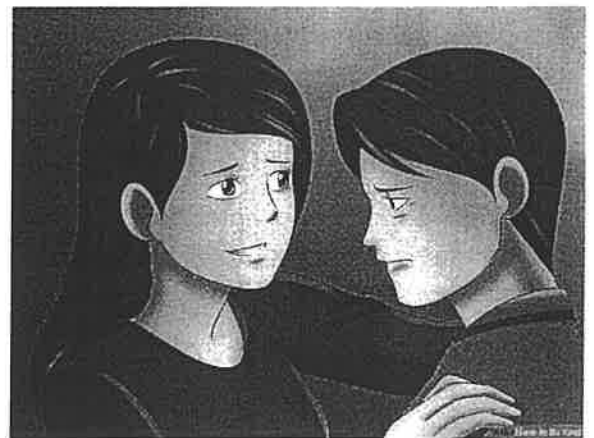
Be Present

The greatest gift of kindness to another person is to be there for them. You show kindness by listening with care and paying attention to others.

Be Optimistic

Happiness, joy and gratitude are at the heart of kindness. They allow you to see the good in others and the world. It's not always easy to be optimistic, or hopeful about the future. But with enough practice, anyone can be more optimistic by focusing on the good things instead of the bad.

Be Friendly

People who are kind also tend to be friendly. They make an effort to get to know new people and make them feel at home. If there's someone new at your school, you can try to talk to that person and explain how things work. Your kindness will not go unnoticed.

Be Polite

Being polite is not always a sign that a person is kind. But genuine politeness shows your respect for people around you. For example, you can use the words "May I?" when you're asking for permission. You can also hold the door open for people.

Be Grateful

People who are truly kind know how to express gratitude. They don't take anything for granted and always thank people for helping them out. If you recognize the nice things other people do for you, then you'll be more ready to do nice things for others.

Love Animals And The Living World

Loving animals and caring for pets is kindness in action. Nothing forces you to care about beings of another species. And yet, by learning to care for animals, you form a deeper connection with nature.

Share

People who are kind are happy to share with others. You can share your favorite sweater or half of your delicious enchilada. You can even share words of advice to someone younger than you. The important thing is that you're sharing something that you actually care about, instead of giving away something you don't need.

Take An Interest In People

People who are kind are truly interested in other people. They aren't kind just because they are looking for a favor. They do it because they really care about how people are doing and want them to be happy. Try asking people how they're doing. If they have something big coming up, like an exam, wish them good luck.

Call Up A Friend Just Because

You don't always need a reason to call up a good friend. Make a goal of calling one friend a week just to catch up and see how that person is doing. Getting in touch will make them feel cared for and will make you feel good.

Donate Your Things

Another way to be kind is to donate some of your belongings to charity. Instead of throwing out your old things, give them to a good cause. If you have some clothes or books that someone you

know would want, give them to that person. This is another way of being kind.

Do A Random Act Of Kindness

Princess Diana was a member of the royal family in Britain. She said people should carry out random acts of kindness, without expecting anything in return. Help someone carry the groceries, for example. There are even special groups whose goal it is to do generous acts of kindness.

Transform Your Life Through Kindness

Changing how you live and how you view the world might seem difficult. Once, someone asked the writer Aldous Huxley how to do it. He said the best way to transform your life is to "just be a little kinder."

By being kind, you take a stand. You show that caring for others, for our environment and for yourself is the right way to live life. You let go of the worry that others are less or more deserving than you are. Instead, kindness assumes everyone is worthy, you included.

Quiz

1   Read the paragraph from the section "Don't Be Kind For The Sake Of Getting What You Want."

> *Beware of fake kindness. The writer Piero Ferrucci said that true kindness is not about being polite or generous in order to get something from someone. Being nice just because you want other people to help you is manipulation, not kindness.*

Which of the following is the MOST accurate explanation of this paragraph?

(A)   Polite manners are always important to kind people.

(B)   True kindness is not about getting something in return.

(C)   Polite manners often help people get what they want.

(D)   Fake kindness is more common than true kindness.

2   Read the section "Be Kind To Yourself."

Select the sentence from the section that explains how being self-aware can help others.

(A)   Many people make the mistake of trying to be kind to others without being kind to themselves first.

(B)   Some of this can come from not liking certain aspects of yourself.

(C)   But it usually comes from not knowing yourself well enough.

(D)   Use this learning to be kinder to both yourself and to others.

3   Read the article's introductory paragraph and the final section "Transform Your Life Through Kindness."

What is the connection between those two sections?

(A)   Both sections focus on changes that arise from being kind.

(B)   Both sections explain why it is important to be kind to yourself.

(C)   Both sections show how kindness leads to better communication.

(D)   Both sections help define what kindness is.

4   Read the section "Judge Less."

How does this section contribute to the article's MAIN idea?

(A)   It explains why readers should be kind to others and how it can make them feel better about themselves.

(B)   It shows that sometimes people are only kind to you when they expect to be rewarded for that kindness.

(C)   It explains how readers can change the way they see others and work on changing their own actions.

(D)   It shows that the reader should be kind to everyone they meet and not just those who are in need.

A stressful first day of school turns second-graders into best friends

By Washington Post, adapted by Newsela staff on 09.05.19
Word Count **491**
Level **800L**

Christian Moore (right) holds the hand of Conner Crites, who was crying on the first day of second grade. The classmates have been playing together ever since. Photo: Courtney Moore

It was April Crites' son's first day of second grade. She worried that it would be a hard day for him.

Conner is 8 years old. He was waiting for the doors to open at his school in Wichita, Kansas, on August 14, when he started to cry. His autism sometimes makes him overstimulated, Crites said. He had gotten away from his personal aide, the adult who helps Conner at school.

Children with autism have different abilities. Some can talk, while others cannot. Many are uncomfortable with noise. Some have trouble looking other people in the eye. Some children with autism have tremendous artistic abilities, for example, many are very good at music.

"A Loving, Compassionate Child"

Christian Moore is Conner's classmate, and he saw Conner crying alone.

Crites said that most kids would not have noticed Conner crying. Still, "Christian just reached over, grabbed his hand and made my son's day better," she said.

Courtney Moore is Christian's mom. She happened to snap a photo of Christian's act of kindness. Her son walked Conner into Minneha Core Knowledge Magnet Elementary School, she wrote in a now-viral Facebook post.

"It is an honor to raise such a loving, compassionate child!" Moore wrote. "He's a kid with a Big heart, the first day of school started off right."

A Great First Day Of School

Crites said that when Conner came home that afternoon, he told her that he had a great first day. He said he liked his new friends and his teacher. He did not mention that he had gotten upset at the start of the day. Crites said she did not know about what happened with Christian until she saw the photo a few days later.

The boys had been in classes together before this year, but Crites said they did not know each other well before. Now, she says they are always together.

Conner and Christian sit together at lunch and play together at recess. Christian went to the Crites' house one weekend, and the pair played for an hour and a half without an argument. Crites said this is unusual for her son. Conner has been asking his mom when Christian can come spend the night.

The Better Choice

The Crites family has been touched by the attention the photo has received, April Crites said. Conner gets excited when his classmates tell him they saw his picture on TV. Crites said her husband almost never cries, but he did when he saw the photo.

Crites believes the lesson is to remember that everyone is struggling with something. Sometimes, that struggle may be invisible to those around them.

"You could choose to see someone who's having a really bad day and say something horrible to them and make their day even worse," Crites said. She believes the better choice is to be kind. "Hand someone a tissue who's crying and make their day better," she says.

Quiz

1 Read the paragraph from the article.

Crites said that most kids would not have noticed Conner crying. Still, "Christian just reached over, grabbed his hand and made my son's day better," she said.

Which statement summarizes the paragraph?

(A)   Christian and Conner were in classes before but only became friends now.

(B)   Christian and Conner's interaction was caught on camera and went viral.

(C)   Christian comforted Conner when he saw that he was having a hard time.

(D)   Christian and Conner's friendship has grown since the first day of school.

2 Read the paragraph from the article.

Conner is 8 years old. He was waiting for the doors to open at his school in Wichita, Kansas, on August 14, when he started to cry. His autism sometimes makes him overstimulated, Crites said. He had gotten away from his personal aide, the adult who helps Conner at school.

HOW does this paragraph support the MAIN idea of the article?

(A)   It demonstrates an act of kindness that Conner experienced.

(B)   It explains why Conner was having a stressful first day of school.

(C)   It shows that Conner has trouble getting along with other kids.

(D)   It highlights the main lesson people learned from Conner and Christian.

3 What effect did Christian's caring act have on the two boys?

(A)   They became famous and now teach other kids about helping others.

(B)   They were already good friends so it strengthened their friendship.

(C)   They became really good friends and hang out together all the time.

(D)   They were surprised by the attention but went back to how things used to be.

4 What caused Amy Crites' husband to start crying?

(A)   He was sad that he did not know his son had a terrible day.

(B)   He was moved by the photo of Christian helping his son.

(C)   He was worried that his son would not have friends.

(D)   He was scared that something bad happened to his son.

Written Response Using RACE

What is the author's purpose in the article, "Art of Kindness"? Provide textual evidence from your notes and the passage to support your answer.

K-PREP Short Answer Space

552

Do not write outside this box.

57. _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Famous Architecture of Ancient Greece Multiple Choice Questions

Circle the correct answer.

1. The use of Greek ideas in modern European and American architecture is called

    a. Greek Renaissance
    b. Greek and Roman architecture
    c. Greek Revival
    d. Greek Renewal

2. The exterior front of a building is called the

    a. Face
    b. Façade
    c. Front entrance
    d. None of the above

3. A famous temple that still remains from Ancient Greece is the

    a. Capitol
    b. Parthenon
    c. Corinthian
    d. All of the above

4. Classic Greek temples and public buildings were supported by

    a. Columns
    b. Crossbeams
    c. Framework
    d. Steel girders

5. The style of column with a plain top is called

    a. Doric
    b. Ionic
    c. Corinthian
    d. Greek Revival

6. The triangular top piece found on the front of Ancient Greek temples is called a

    a. Lentil
    b. Lintel
    c. Volute
    d. Pediment

Name: _____ **Date:** _____

### Famous Architecture of Ancient Greece Short Answer Questions

1. Explain what Greek Revival architecture is.

2. Find a picture of the Capitol building in Washington, D.C. and label the building with the architectural names of the parts that are common with Ancient Greek architecture. For example, locate the lintel and the pediment.

3. Find a picture of the Field Museum of Natural History in Chicago. Explain why this building is an example of Neoclassical architecture.

4. Draw a picture of the three styles of columns used in Greek and Roman architecture and label each with the correct name.

5. Which style of Greek and Roman columns do like the best? Explain why you prefer this style.

6. Which style of architecture do you prefer, the Greek Revival style or the style of modern buildings made of brick and glass? Explain your answer.

7. Would you like to be an architect and design buildings? Explain why or why not.

US Capitol Building in Washington, D.C.

National Field Museum in Chicago
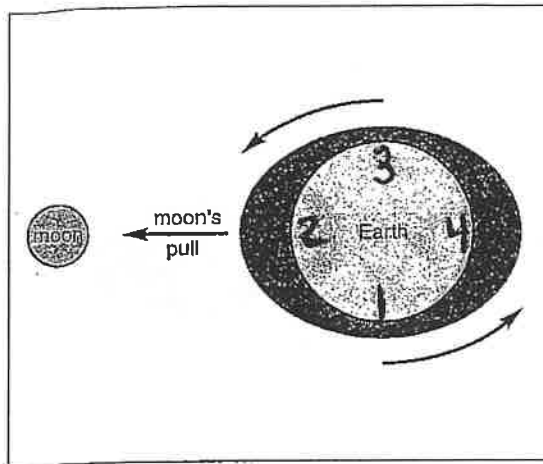
9. Now, which sides have high tide?

   _____
   1, 2, 3, 4

10. About how much time has passed between Figures E and F?

    _____

11. About how much time has passed between Figures D and F?

    _____

Figure F

12. How long before side 2 has high tide again? ___ . ___ _____

13. Which other side will have high tide at the same time? _____

14. How long before side 3 has low tide again? _____

15. Which other side will have low tide at the same time? _____

TWO SPECIAL TIDES

The chief cause of tides is the moon. But the sun also has an effect on tides. Its effect is less. This is because the sun is so far away. Its pull upon the Earth is very weak.

The sun's gravity helps provide two special kinds of tides: spring tides and neap [NEEP] tides.

- Spring tides happen twice a month—at new moon and at full moon. Spring tides produce high tides that are higher than usual. Spring tides produce low tides that are lower than usual.

- Neap tides happen twice a month also but at quarter moons. Neap tides produce moderate tides. That is, tides that are not as high and not as low as usual.

Do the following two exercises. They will help you understand spring and neap tides.
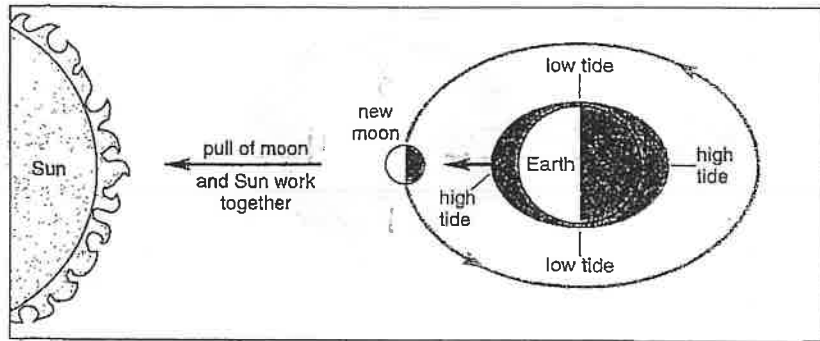
SPRING TIDES

New moon

Figure G

Full moon
(about 14 days later)
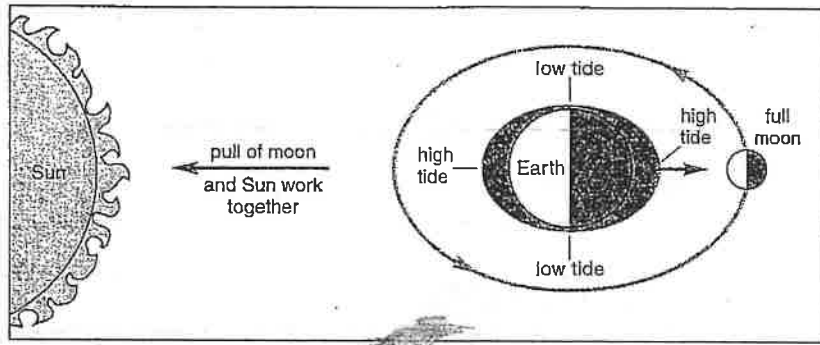

Figure H

1. At the new moon and at the full moon, the sun, Earth, and moon _____ in a line.
   are, are not

2. When the sun, Earth, and moon are in a line, the pull of gravity upon the Earth becomes _____ _____ .
   stronger, weaker

3. When the sun, Earth, and moon are in a line, high tides are _____ _____
   higher, lower
   than usual; low tides are _____ _____ than usual.
   higher, lower

4. a) What do we call unusually high and long tides? _____ _____

   b) How often do they happen? ___ _____

5. At which moon phases do spring tides take place? _____ _____

First quarter moon
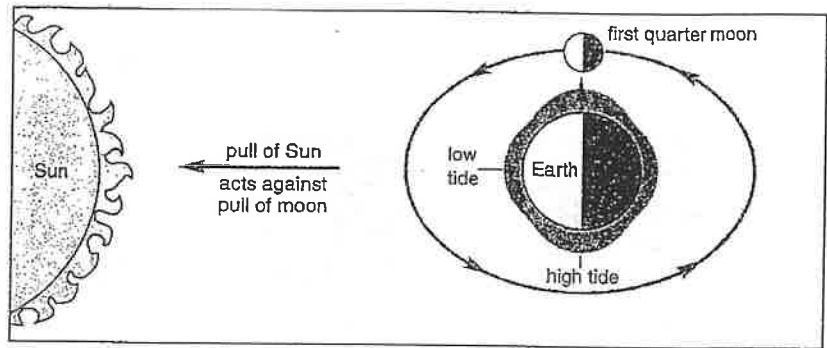

Figure I

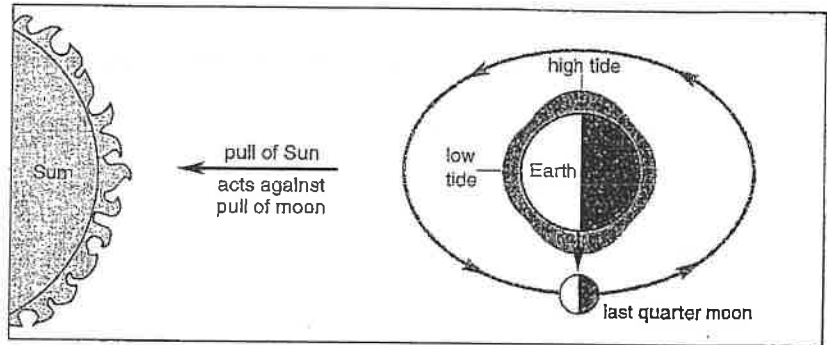*Last quarter moon
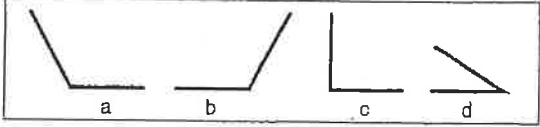(about 14 days later)*

Figure J

6. At quarter moons, the sun, Earth, and moon _____ in a line.
   _{are, are not}

7. At quarter moons, the moon and sun are at right angles. Which of the following is

   a right angle? _____

8. When the moon and sun are at right angles, the pull of the sun acts

   _____ the pull of the moon.
   _{with, against}

9. When the moon and sun are at right angles, tides are

   _____ .
   _{extra high and extra low, not very high and not very low}

10. Tides that are not very high and not very low are _____ tides.
    _{extreme, moderate}

11. a) What do we call moderate tides? _____

    b) How often do they happen? _____

12. At which moon phases do neap tides take place? _____

123

WHICH PHASE?

Name the phases of the moon below each picture.

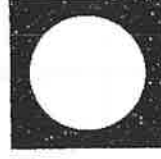Figure K   Figure L   Figure M   Figure N

1. _____   _____ 2. _____ 3. _____ 4. _____

Six events are listed below. Name the phases at which each takes place.

5. Sun, Earth, and moon are in a line ____   _____   _____

6. Sun, Earth, and moon form a right angle _____   _____

7. Extra high and extra low tides _____   _____

8. Moderate tides _____   __   _____   ____

9. Spring tides _____   _____   ___

10. Neap tides _____   _____

MATCHING

Match each term in Column A with its description in Column B. Write the correct letter in the space provided.

	Column A	Column B
_____	1. spring tide	a) time of high water level
_____	2. low tide	b) tide that is higher or lower than normal tides
_____	3. gravity	c) force of attraction between objects
_____	4. high tide	d) tide that is not as high or low as normal tides
_____	5. neap tide	e) time of low water level