

Grade 8 Blizzard Bag
Day One

1. What is the value of x ? $\frac{x}{8} = 14$
2. Find the area of a circle if its radius is 6 millimeters.
3. $-33 + (-17) = ?$
4. Graph the solution on a number line. $2 < s - 8$

5. $24\frac{1}{5} + 13\frac{3}{4} = ?$

6. How many quarts are in 8 gallons?

7. Write $\frac{5}{8}$ as a decimal.

8. Evaluate $\frac{ab}{3} - 4$ when $a = 6$ and $b = 4$.

9. Solve for a . $7a + 6 = 3a - 22$

10. $\frac{-81}{3} = ?$

11. $-|-16| = ?$

12. What is the P(1, 2) on 2 spins?

13. Find the value of x . $\frac{8}{12} = \frac{x}{144}$

14. $4.26 + 35.7 = ?$

15. A triangle with 3 congruent sides is a(n) _____ triangle.

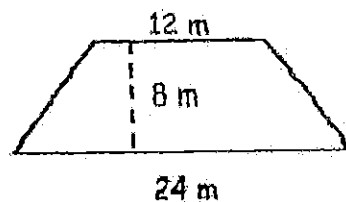
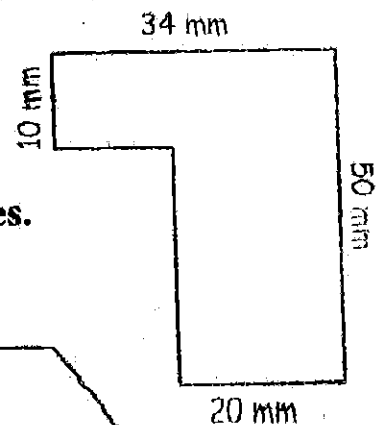
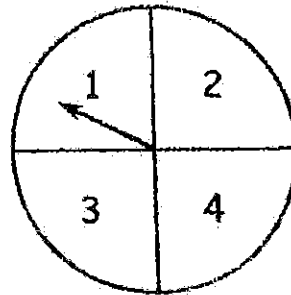
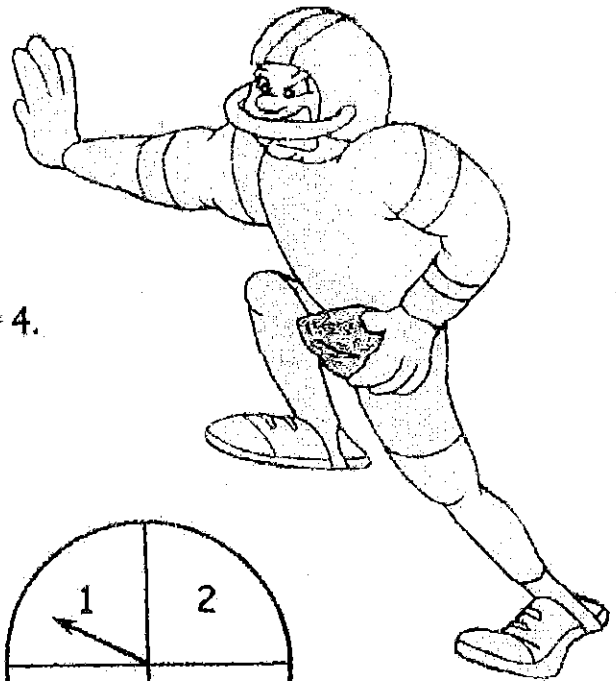
16. Solve for a . $a - 24 = -56$

17. $6[3(4 + 3) - 5] + 2^2 = ?$

18. A complex shape can be divided into two rectangles. Find the area of each one, and then add.

19. Simplify. $\frac{7a^3b^2c^3}{21a^2bc}$

20. Calculate the area of the trapezoid.



Blizzard Bag 1
8th grade Social Studies (Mr. Devor)
Writing Assignment

Directions:

1. Choose ONE of the topics listed below.
Topics about The Roots of America:
Topic 1: The Olmecs
Topic 2: The Mound Builders
Topic 3: Martin Luther
Topics about The 13 Colonies:
Topic 4: King Phillip's War
Topic 5: Lord Baltimore
Topic 6: Father Eusebio Francisco Kino
2. Using at least two websites, do research on the topic. Use the guide questions listed below to help assist you in your research. You do not need to write out answers to them, but you should consider them as you do your research.

Guide Questions:

What is my topic all about?

Why is my topic important to learn?

What makes my topic so important to the history of America?

How does my topic still impact people's lives today?

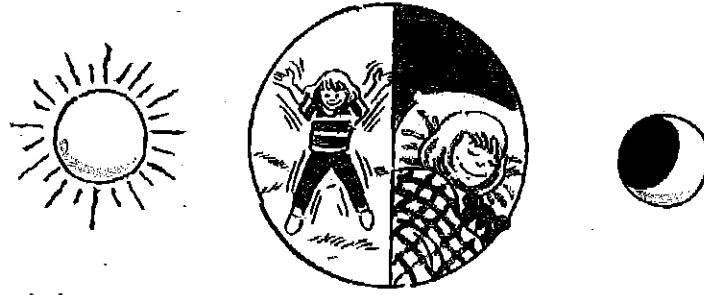
3. Write or type a half-page paper about the topic that you chose. *Write your paper as if you were explaining what your topic is to someone who knows nothing about it.* Tell them what it is. Tell them why it is important.
4. At the bottom of your paper, tell me which websites you chose. These websites do not have to be properly cited, just tell me what they are.

Night and day



Background knowledge

Earth completes one rotation on its axis every 24 hours. When the part of Earth where you live faces the Sun, it is daytime. Sunrise, also called dawn, occurs when the part of Earth where you are turns just enough for you to see the Sun. At sunset, Earth has turned so that again you can only just see the Sun. When it is night where you are, it is daytime for people living on the other side of Earth.



Science activity

Early one evening, Gus, who lives in London, England, was allowed to phone his uncle who lives in Montreal, Canada. Gus was very surprised to hear that his uncle was just about to have lunch because it was only 1:00 p.m.

What is the explanation for the difference in time?

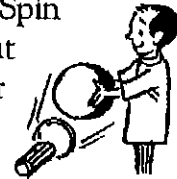
.....

.....

.....

Science investigation

Make a model of the Sun and Earth. Use a flashlight to represent the Sun and a basketball to represent Earth. Do this experiment in a darkened room. Place the flashlight on a table so that it shines into the room. Hold the basketball about 1 meter away, and turn it around slowly. The basketball is like Earth turning on its axis. Tape a white circle onto the ball. Spin the ball slowly at a slight angle so it is tilted like Earth. Notice at what part of the spin the circle appears lighted. Move it to other places and repeat. Are there locations that stay lighted longer than others?



Blizzard Bag Directions – Religion Grade 8

Day 1:

Complete Crossword Puzzle: Acts of the Apostles

Students will need their Bibles to look up Scripture references to locate answers for the crossword puzzle. This may be completed in pencil in case errors are made while filling in answers.

Day 2

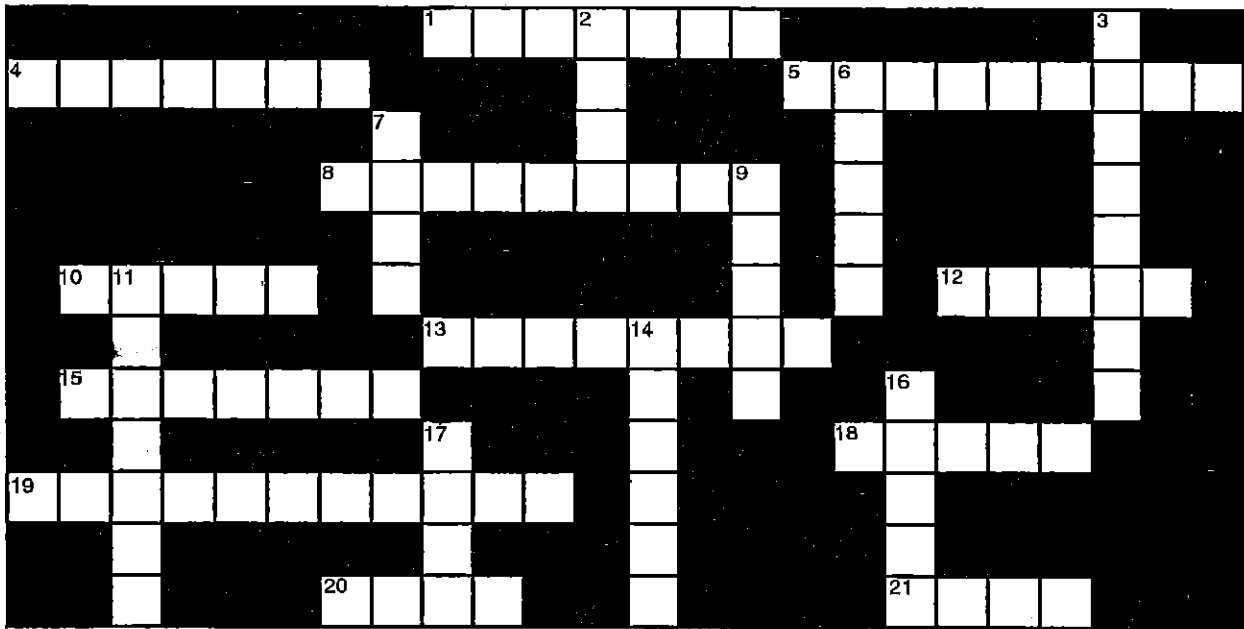
Complete worksheet: Understanding the "Our Father"

Students are to follow the directions given on the worksheet. This is to be completed in ink on loose leaf paper or word processed, answered in complete sentences.

Acts of the Apostles

In the Bible, the book of Acts tells how the church began and how the Good News of Jesus was carried to the world by the apostles. Peter led Jesus' followers in Israel, while Paul became a missionary who traveled all over the Roman Empire to tell people about Jesus. The book of Acts tells of many exciting adventures.

These clues and Bible verses will help you write the correct words in the puzzle.



ACROSS

1. He was stoned to death. (*Acts 7:59*)
4. Paul called him "my own son in the faith." (*I Timothy 1:2*)
5. In this letter to one of the young churches, Paul wrote about the "armour of God." (*Ephesians 6:11-18*)
8. He was the first Gentile to become a Christian and receive the Holy Ghost. (*Acts 10*)
10. Paul baptized this man in Corinth and also stayed at his house. (*I Corinthians 1:14; Romans 16:23*)
12. This godly woman sold purple cloth. She asked Paul and his companions to stay at her home. (*Acts 18:14-15*)
13. He was Saul's companion and helper. (*Acts 13:2-3*)
15. This woman was raised from the dead by Peter. Her other name is Dorcas. (*Acts 9:36-41*)
18. Paul was not hurt by a poisonous _____ which hung on his hand. (*Acts 28:3-6*)
19. In this letter, Paul tells the young church to "rejoice in the Lord." (*Philippians 4:4*)
20. This man was a doctor who traveled with Paul. He also wrote the third book in the New Testament. (*II Timothy 4:11*)
21. This man held the clothes for the men during the execution of Stephen. (*Acts 7:58-59*)

DOWN

2. He, and Silas sang songs in jail although they had been beaten and their feet were in the stocks. (*Acts 16:19-25*)
3. He replaced Judas Iscariot as the twelfth apostle. (*Acts 1:26*)
6. An angel led him out of prison before Herod could kill him. (*Acts 12:1-11*)
7. Acts 27:1 — 28:16 tells of Paul's trip to the city of _____.
9. He traveled with Paul on his second missionary trip. (*Acts 15:40*)
11. When he laid his hands on Saul, something like scales fell off Saul's eyes. (*Acts 9:17-18*)
14. Paul stayed with this man and his wife; they were tent makers like Paul. (*Acts 18:2-3*)
16. In the letter Paul wrote him, Paul called him "mine own son after the common faith." (*Titus 1:4*)
17. Barnabas and Paul disagreed over whether to take this man, whose first name was John, with them on the second missionary trip. (*Acts 15:37-41*)

Blizzard Bag-8th Grade

DAY #1

WRITING- On a clean piece of paper write a well-written story based on the prompt below. Your story should be one page in length. Be creative. Use the following vocabulary words in your story: detriment, incognito, audacious, skittish, and ornate.

“Taking it was easy, Putting it back undetected is a real challenge.” Write about it in your story.

Grade 8 Blizzard Bag
Day Two

Name _____

Two-Step Equations**P** 16-4
PRACTICE

Solve. Check the solution.

1. $7m + 8 = 71$ _____

2. $\frac{y}{7} + 6 = 11$ _____

3. $12y + 2 = 146$ _____

4. $\frac{y}{12} + 1 = 6$ _____

5. $2a - 1 = 19$ _____

6. $\frac{c}{9} - 8 = 17$ _____

7. $4t + 16 = 24$ _____

8. $4f - 11 = 29$ _____

9. $\frac{g}{17} + 8 = 10$ _____

10. $13a - 9 = 17$ _____

11. $5c - 42 = 73$ _____

12. $4w - 26 = 82$ _____

13. $7a + 4 = 46$ _____

14. $\frac{m}{6} + 8 = 12$ _____

15. $9n - 7 = 56$ _____

16. $3k + 6 = 30$ _____

17. $\frac{x}{8} - 3 = 3$ _____

18. $15y - 40 = 35$ _____

Complete each table.

19.

Rule: $y = 0.2x + 4$	
x	y
9	
40	
	8
	4.1

20.

Rule: $z = \frac{w}{4} - 2$	
w	z
8	
	23
10	
	3

Problem Solving

Solve. Explain your solution.

21. Five more than half a number equals fifteen. What is the number?

22. Two less than three times a number equals thirteen. What is the number?

Blizzard Bag 2
8th grade Social Studies (Mr. Devor)
Map Assignment

Using the map of North America, answer the following questions:

Map Skills

1. Using only one word, what is this map about?
2. Name one place on the map where slavery was not legal.
3. Which Great Lakes were shared by Quebec and The Native Americans?

Geographic Knowledge

1. Which countries claimed 'The Oregon Territory'?
2. Which modern US states would be in the area known as "The Louisiana Territory"?
3. Name all 5 great lakes.

Critical Thinking

1. Why was Florida split into "West Florida" and "East Florida"?
2. Other than the beaver trade, why would The Great Lakes be such an important area to have control of?
3. Even though slavery was legal in Quebec, not very many African slaves were sent there. Why?
4. What made Florida so difficult to settle?
5. Why would the founding fathers want the British flag inside of the flag of The United States of America?

1776



- Slavery Legal
- Gradual Abolition
- Slavery Abolished
- No Legal Status



United States of America

January 10, 1776 Thomas Paine publishes Common Sense
July 4, 1776 US Declaration of Independence
August 27, 1776 Battle of Long Island
December 26, 1776 Battle of Trenton

Florida

Understanding the “Our Father”

NAME _____

It has been called “the most perfect of prayers” (Saint Thomas Aquinas), the sum of all the prayers in Scripture (Saint Augustine), and the “summary of the whole gospel” (Church Father Tertullian). The “Our Father”, also known as the “Lord’s Prayer” because it was given to us by Jesus, holds a unique and honorable place in the life of the Church. We find the Lord’s Prayer in the Sunday Mass, in the Liturgy of the Hours, and in the rites of Baptism and Confirmation.

For all its frequent use and familiarity, the “Our Father” was never intended by our Lord to be a mere recitation. When you pray, you should direct your minds and hearts to God so that “. . . you remain in me and my words remain in you . . .” (Jn 15:7).

To increase your understanding of the “Our Father”, look up the Bible verses. On a separate sheet of paper, answer the questions.

“Our Father”—Galatians 3:26, 4:6

1. Why do we call the God of the universe “Our Father”?
2. If God is our Father, who are we to each other?

“who art in heaven”—Revelation 7:9–17

3. Using Saint John’s vision as a guide, how do you imagine heaven?

“hallowed be thy name”—John 12:27, 28

4. This part of the “Our Father” is the first of seven petitions, or prayerful requests, that make up the rest of the “Lord’s Prayer”. If we understand this phrase not as praise but as a petition, what are we asking of God?

“Thy kingdom come”—Matthew 25:31–34

5. When we pray this petition, what are we asking for?

“Thy will be done on earth as it is in heaven”—John 13:34

6. What is God’s will?

“Give us this day our daily bread”—John 6:5–14, 22–27

7. God satisfies what two types of hunger?
8. What is the “food which endures to eternal life” that Jesus feeds us?
9. This petition also implies responsibilities for Christians. What are they?

“and forgive us our trespasses, as we forgive those who trespass against us”—Matthew 18:23–35

10. This petition is remarkable in that it does not stand alone but comes with a condition, linked by the word “as”. Restate the entire petition in your own words.
11. The divine forgiveness Jesus asks of us would be impossible for us to give on our own strength. Who dwells within us to enable us to forgive one another as God has forgiven us?

“and lead us not into temptation”—1 Corinthians 10:13

12. How does God help us in time of temptation?

“but deliver us from evil.”—John 17:15

13. In this petition, from whom do we ask to be delivered?



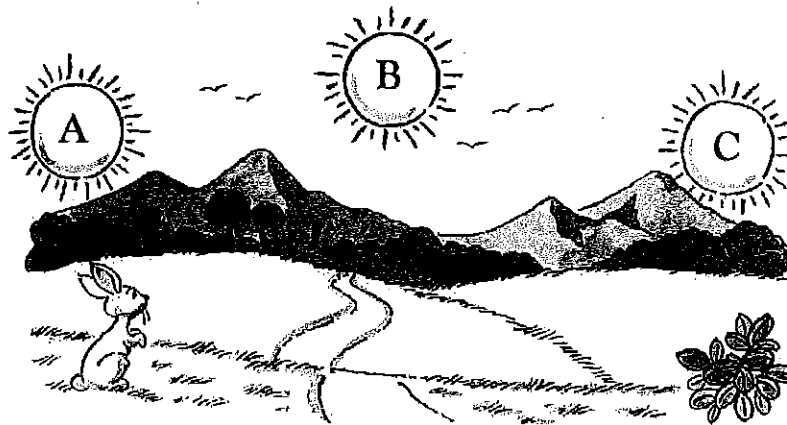
Sun tracks

Background knowledge

You know that on any single day, the Sun will rise and set. However, it is Earth that is moving. It takes 24 hours for Earth to make a complete rotation on its axis. As it moves, the Sun appears to change its position in the sky. The Sun appears to rise in the east when the part of Earth you are on is turning towards the Sun, and appears to set in the west when your hometown is turning away from the Sun. In addition to rotating on its axis, Earth is also revolving around the Sun. It takes an average of 365 days, or one year, to make one complete orbit around the Sun.

Science activity

The picture shows the Sun at three times during one summer day. First it was in position A, then B, and finally C.



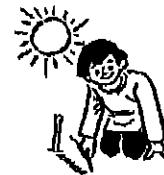
Which side of the picture is the east?

What time is it at position B?

What will soon happen at position C?

Science investigation

Make a sundial. On a sunny morning, stand a 50 cm-long stick in the ground in your garden or school. Mark the position of the end of the stick's shadow with a rock or other item that will not easily blow away. Repeat this every hour so that by evening you have at least seven marks on the ground. What pattern can you see? Explain why the shadow moved.



Blizzard Bag-8th Grade

DAY #2

ENGLISH- Write 10 sentences following the guidelines below.

#1- Write a sentence using 3 pronouns.

#2- Write a sentence using 2 prepositions.

#3- Write a sentence using 3 proper nouns.

#4- Write an exclamatory sentence using the word bonanza.

#5- Write a declarative sentence using the word churlish.

#6- Write an interrogative sentence using the word laggard.

#7- Write an imperative sentence using the word comply.

#8- Write a sentence using a direct object and indirect object.

#9- Write a complex sentence beginning with the word "although."

#10- Write a compound sentence describing your day.

Grade 8 Blizzard Bag
Day Three

Name _____

Proportions • Algebra**P** 24-1
PRACTICE

Solve each proportion.

1. $\frac{n}{6} = \frac{6}{9}$ _____

2. $\frac{10}{n} = \frac{4}{8}$ _____

3. $\frac{4}{8} = \frac{2}{n}$ _____

4. $\frac{n}{6} = \frac{15}{45}$ _____

5. $\frac{2}{10} = \frac{n}{35}$ _____

6. $\frac{15}{7} = \frac{n}{105}$ _____

7. $\frac{12}{13} = \frac{n}{130}$ _____

8. $\frac{21}{6} = \frac{35}{n}$ _____

9. $\frac{n}{8} = \frac{3}{4}$ _____

10. $\frac{n}{10} = \frac{40}{1.6}$ _____

11. $\frac{4.9}{n} = \frac{28}{8}$ _____

12. $\frac{9}{100} = \frac{n}{50}$ _____

13. $\frac{9}{n} = \frac{54}{12}$ _____

14. $\frac{5}{3.4} = \frac{2.5}{n}$ _____

15. $\frac{n}{2.4} = \frac{26}{52}$ _____

16. $\frac{n}{8} = \frac{2.25}{6}$ _____

17. $\frac{2.5}{5} = \frac{n}{10}$ _____

18. $\frac{n}{2} = \frac{11}{5}$ _____

Write a proportion and solve.

19. Jeanette can walk 1 km in 11 minutes. At the same rate, how far can she walk in 55 minutes?

20. On Mickey's block the ratio of trees to houses is 19:5. If there are 15 houses, how many trees are there?

21. Carlos can ride his bike 30 km in 2 hours. At the same rate, how far can he ride in 7 hours?

22. At Sarah's school the ratio of students to teachers is 94 to 3. If there are 752 students in the school, how many teachers are there?

23. On George's block the ratio of cars to houses is 8 to 5. There are 32 cars. How many houses are there?

24. A machine can pack sneakers at a rate of 4 pairs every 12 seconds. How many pairs of sneakers can this machine pack in 1 minute?

Blizzard Bag 3

8th grade social studies

Mr. Devor

Founding Father slideshow

- Choose a Founding Father
- Find the following information on your founding father.
- Insert the information into a Powerpoint or Google Slides Presentation
- Each item must be addressed on the appropriate slide.
- Pictures of the founding father must be included on each slide

Slide One: Basic Information

1. Founding Father's name
2. What did they do that was so important?

Slide Two: Family Tree

3. Who were his/her parents?
4. Husband/Wife?
5. Brothers/Sisters?
6. Children?

Slide Three: Facts

7. Monuments or memorials dedicated to the founding father
8. Any other interesting facts

Slide Four: Story

9. Summary of a story about the founding father

Religion

Day 3

Using pictures from a magazine or newspaper, find one example of each Corporal Work of Mercy. For each picture, explain in one or two sentences how the Corporal Work of Mercy is being shown.

1. Glue pictures down on paper and under each paper write your explanation.

2. You can put more than one picture and explanation on a sheet as long as it is neatly done and there is space between them.

Corporal Works of Mercy

Feed the Hungry.

Shelter the Homeless.

Clothe the Naked.

Visit the sick and imprisoned.

Give alms (money) to the poor.

Bury the dead.



Can you hear a tree fall in space?

Background knowledge

Of course, there are no trees in space. But if there were trees, would you hear one fall? Sound is created by vibrating matter, such as a liquid, solid, or gas. If there is no matter, vibrations cannot be created. Much of space is not filled with liquids, solids, or gases. It is empty, or a *vacuum*. Since you cannot hear sound in a vacuum, you would not hear a tree fall in space!

Science activity

We know that light travels much faster than sound. If a star explodes in a distant galaxy, would we hear it on Earth? Explain your answer.

.....

.....



Science investigation

Use the Internet to learn how astronauts talk with one another. Make a poster of your findings and share it with your friends or classmates. Try to find out how the astronauts on the International Space Station communicate with Earth.

Blizzard Bag-8th Grade

DAY #3

READING- Read the following story and answer the questions in complete sentences in the space provided.

The Travelers

The travelers, real travelers, came in late summer to hawk their wares. They wore exotic wrap dresses with bright colors that caught the sun and held it. They wore fabrics of deep red, green, orange, and other colors that blended together and became one enchanting color of magic. The travelers were enchanted, we were sure.

They were evanescent, like the summer, arriving and departing like a gust of wind. They had large caravans with pots, pans, tapestries, scarves, linens, cloths, perfumes, and exotic blends of meats and spices. The children ran wild, their skin darker than ours, their bare feet toughened from the sun and earth. Their hair was dark and scattered, and they were tough. These children could survive on just a scrap of life, and we knew it. We played marbles with them, cross-legged on the hot pavement. They always won. In the distance, we could hear the calls: "A dollar, a dollar, just a dollar. Bracelets, bangles, baubles, beads. A dollar, a dollar, just a dollar."

Sometimes we played dress-up, wrapping the scarves around our heads and waists, wobbling down the streets in satin heels. We were women of the world, going to market in strange cities, selecting goods for the trip home to London or Paris or even India. The women gave us scraps of cloth and jewelry for sewing. We held the stones to the light and caught the reflections of ourselves in ruby and emerald, the same, but somehow changed.

We always expected the travelers to come in late July, and they always did, in rickety caravans draped with shimmering textures of other lands and lives we would never know.

"Stay away from the travelers," the women of our town warned. "They're not like us." "They're not our kind." "Nothing but trouble if you ask me."

The travelers were different, but they never gave us any trouble. They stayed up late, when the fevered earth began to cool, and they played banjos and guitars, the tunes wafting through open windows with the smell of lilacs and red wine. We dreamed of hopping onto the caravan one night and leaving for another world under the stars, but we saw our parents, heard the soft chirruping of crickets in the garden, and knew we couldn't leave.

The travelers did leave, though. One summer the caravan never came. No rough talking little vagabond children, no tapestries, no reds, oranges, and greens woven into magic. No banjos or dancing or hawking: "A dollar, a dollar, just a dollar." No transients were allowed, they said. Instead, the streets were quiet, the pavement hot and bare. We all wore the same skirts, dresses, and shoes. We lived in the same row houses and everyone knew everyone in town. The sad-faced McCoy sisters went to church but liked their gin on the sly. Old Mr. Cory was rumored to have \$5,000 dollars stashed under his mattress, and in the summer, there was nothing to talk about but the heat. Even the air stood still. We stopped dreaming. Was it better this way? My sisters and I had to wonder.

1. What are the "baubles" referred to in the first paragraph? Write down a guess based on the other items listed, and then check your guess with a dictionary.
2. In the second paragraph, the narrator uses the word "wafting." Use context clues to determine its meaning.
3. When the travelers come, they come in the summer and seem magical to the narrator. When they don't come one summer, the magic disappears. Compare this to the beginning and ending of childhood. In what ways do you think children know more than adults? Why might adults be more cautious?