

## Extended Spring Break Academics

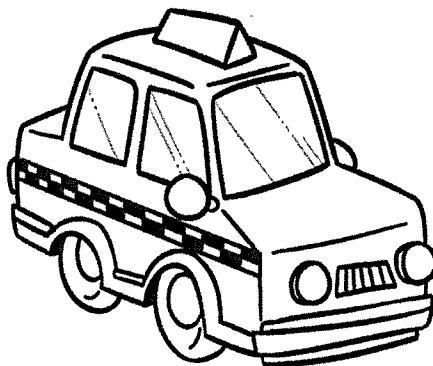
Week 1 ELA	Mon 3/16	Tues 3/17	Wed 3/18	Thurs 3/19	Fri 3/20
Assignments	Pot of Gold Comprehension Worksheets  Spring Verbs Worksheet	Hello Spring worksheet  Edit this paragraph worksheet	High Flyer Comprehension Worksheets  Simple or Compound Worksheet	Simple or Compound sentence sort  In the Spring... five senses	Elements of a story
Week 1 Math	Mon 3/16	Tues 3/17	Wed 3/18	Thurs 3/19	Fri 3/20
Assignments	Numerators & denominators  Fractions of a set #1	Fractions of a set #2 & 3	Equal Parts  Colorful fraction circles	Fraction word problems  Fractions of shapes	Fraction shapes  Fractions
Week 1 Spelling D27	Mon 3/16	Tues 3/17	Wed 3/18	Thurs 3/19	Fri 3/20
Assignments	Write each word twice	Alphabetical order	Fix the misspelled words	Fill in the blank	
Week 1 SS/Science	Mon 3/16	Tues 3/17	Wed 3/18	Thurs 3/19	Fri 3/20
Assignments	The American Flag	Building Blocks of matter Lesson 2	The American Flag	Building Blocks of matter Lesson 2	

# Spelling List D-27

Words With W, X, Y, Z

## Spelling Words

1. taxicab
2. maximize
3. youthful
4. awesome
5. bronze
6. oyster
7. zebra
8. exhibit
9. yeast
10. dynamite
11. exhale
12. zoology
13. ozone
14. awkward
15. hexagon
16. yawned
17. examine
18. tuxedo
19. between
20. warmth



## Review Words (from Unit D-25)

21. welcome
22. secret
23. absent

## Challenge Words

24. civilized
25. rhythm

## About Your Spelling Words

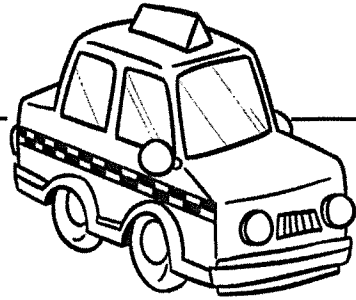
Each of this week's words have the letters W, X, Y, and/or Z in it. Be careful when spelling the following words:

- **Taxicab** - Many people think it is two words, but it is actually a compound word.
- **Zoology** - This word has three Os in it. Think of spelling the word in three parts: zoo + log + y.
- **Rhythm** - This is an unusual word because it does not have any of the five main vowels (a, e, i, o, u) in it. In this word, the letter y is a vowel that makes the short-i sound.

Name: \_\_\_\_\_

## Spelling Words

List D-27: Words with W, X, Y, and Z



Write each spelling word two times.

1. taxicab \_\_\_\_\_
2. maximize \_\_\_\_\_
3. youthful \_\_\_\_\_
4. awesome \_\_\_\_\_
5. bronze \_\_\_\_\_
6. oyster \_\_\_\_\_
7. zebra \_\_\_\_\_
8. exhibit \_\_\_\_\_
9. yeast \_\_\_\_\_
10. dynamite \_\_\_\_\_
11. exhale \_\_\_\_\_
12. zoology \_\_\_\_\_
13. ozone \_\_\_\_\_

Name: \_\_\_\_\_

List D-27

14. awkward

\_\_\_\_\_

15. hexagon

\_\_\_\_\_

16. yawned

\_\_\_\_\_

17. examine

\_\_\_\_\_

18. tuxedo

\_\_\_\_\_

19. between

\_\_\_\_\_

20. warmth

\_\_\_\_\_

**Review Words**  
(from Unit D-25)

21. welcome

\_\_\_\_\_

22. secret

\_\_\_\_\_

23. absent

\_\_\_\_\_

**Challenge Words**

24. civilized

\_\_\_\_\_

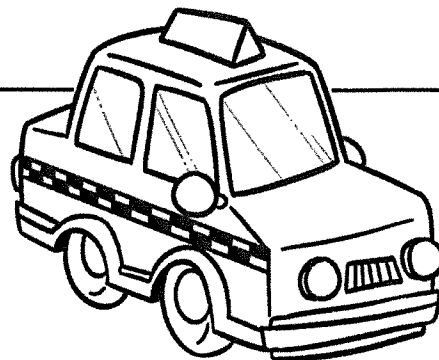
25. rhythm

\_\_\_\_\_

Name: \_\_\_\_\_

Spelling D-27

## Alphabetical Order



Rewrite each word list in alphabetical order.

1. taxicab , welcome, tuxedo, secret, warmth

\_\_\_\_\_

2. zoology, youthful, yawned, yeast, zebra

\_\_\_\_\_

3. maximize, ozone, rhythm, hexagon, oyster

\_\_\_\_\_

4. awesome, bronze, absent, awkward, between

\_\_\_\_\_

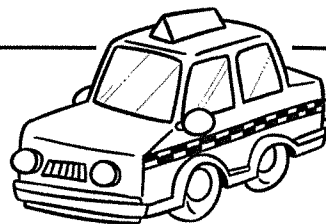
5. dynamite, exhibit, civilized, examine, exhale

\_\_\_\_\_

Name: \_\_\_\_\_

Spelling List D-27

## Fix the Misspelled Words



Circle the spelling word in each sentence.

If the word is spelled correctly, write CORRECT on the line.

If the word is spelled incorrectly, write the correct spelling on the line.

- |                                                                |           |
|----------------------------------------------------------------|-----------|
| 1. Kendra is getting a degree in zoology.                      | 1. _____  |
| 2. In the winter, I like to feel the warmthe of a fire.        | 2. _____  |
| 3. A hextagon has six sides.                                   | 3. _____  |
| 4. My mother's new lamps are a bronze color.                   | 4. _____  |
| 5. The cat quietly yoned before falling to sleep on the couch. | 5. _____  |
| 6. Jacob wore a black tuxeedo to his sister's wedding.         | 6. _____  |
| 7. The best way to eat an oyster is raw, on the half shell.    | 7. _____  |
| 8. My favorite animal at the zoo is the zeebra.                | 8. _____  |
| 9. Yeest is what makes bread dough rise.                       | 9. _____  |
| 10. Mia always needs to examine her food before eating it.     | 10. _____ |
| 11. The firework display was awesome!                          | 11. _____ |
| 12. In the city a taxicab drives you places.                   | 12. _____ |

Name: \_\_\_\_\_

- |     |                                                                      |     |       |
|-----|----------------------------------------------------------------------|-----|-------|
| 13. | The art exhibit at the museum was beautiful.                         | 13. | _____ |
| 14. | Vera felt a bit awkward in her new dress.                            | 14. | _____ |
| 15. | The doctor asked the patient to take a breath and exhale.            | 15. | _____ |
| 16. | The ozone layer helps to regulate the Earth's temperature.           | 16. | _____ |
| 17. | Maria wished she had a youthful appearance again.                    | 17. | _____ |
| 18. | Nolan wanted to maximize the space in his new bedroom.               | 18. | _____ |
| 19. | Between you and me, I never really liked my mom's cooking.           | 19. | _____ |
| 20. | The construction company used dynamite to demolish the old building. | 20. | _____ |

**Review Words**

- |     |                                                         |     |       |
|-----|---------------------------------------------------------|-----|-------|
| 21. | You must know the secret password to get into the club. | 21. | _____ |
| 22. | Leah was absent from school today.                      | 22. | _____ |
| 23. | The puppy was a welcome addition to the family.         | 23. | _____ |

**Challenge Words**

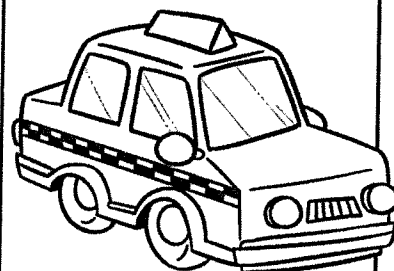
- |     |                                 |     |       |
|-----|---------------------------------|-----|-------|
| 24. | I like the rhythm of this song! | 24. | _____ |
| 25. | We live in a civilized nation.  | 25. | _____ |

Name: \_\_\_\_\_

## Spelling Words

D-27: Words With W, X, Y, Z

Spelling Words			Review
taxicab	exhibit	hexagon	welcome
maximize	yeast	yawned	secret
youthful	dynamite	examine	absent
awesome	exhale	tuxedo	Challenge
bronze	zoology	between	civilized
oyster	ozone	warmth	rhythm
zebra	awkward		



Answer the following questions about your spelling words.

- Which of your spelling words is a past-tense verb? \_\_\_\_\_
- Which spelling word has the most syllables? \_\_\_\_\_
- How many long vowel sounds do you hear in the word *tuxedo*? \_\_\_\_\_
- How many long vowel sounds do you hear in the word *zebra*? \_\_\_\_\_

Write a spelling word for each definition.

- a geometrical shape with six sides \_\_\_\_\_
- to breathe out; to let out air \_\_\_\_\_
- to inspect; to look very closely at something \_\_\_\_\_
- a display or showcase, such as in a museum or art gallery \_\_\_\_\_

Fill in the missing letters for each spelling word by writing the complete word on the line.

- \_\_\_ z \_\_\_ n e      hint: a type of gas in the atmosphere \_\_\_\_\_
- \_\_\_ a r \_\_\_ t \_\_\_      hint: heat \_\_\_\_\_
- \_\_\_ e a \_\_\_ t      hint: a substance used to help bread rise \_\_\_\_\_
- \_\_\_ \_\_\_ s t e \_\_\_      hint: a type of mollusk that can make pearls \_\_\_\_\_

Name: \_\_\_\_\_

List D-27: Words With W, X, Y, and Z

**Complete each sentence with a spelling word from the box.**

maximize	youthful	between	awkward
bronze	awesome	dynamite	taxicab

13. The construction crew used sticks of \_\_\_\_\_ to blow up the old building.
14. Krista's parents have taught her the difference \_\_\_\_\_ right and wrong.
15. The bright yellow \_\_\_\_\_ pulled over to the curbside so I could get in.
16. My grandma does not act elderly at all; instead, she acts very \_\_\_\_\_.
17. Rahul felt \_\_\_\_\_ when he forgot the name of his new neighbor.
18. The more raffle tickets you buy, the more you will \_\_\_\_\_ your chances of winning the prize.
19. The third place winner of the competition received a \_\_\_\_\_ medal.
20. When Anjali swam with a dolphin, she thought it was the most \_\_\_\_\_ experience in the world!

**Answer the questions.**

21. Identify the review word that contains a long vowel sound. \_\_\_\_\_
22. Name the review word that begins with a vowel. \_\_\_\_\_
23. Name the review word that ends with a vowel. \_\_\_\_\_
24. Identify the silent consonant in the challenge word *rhythm*. \_\_\_\_\_
25. Which consonant sound, /s/ or /k/, do you hear in the challenge word *civilized*? \_\_\_\_\_

Comp 1

Name: \_\_\_\_\_

# Pot of Gold

by Kelly Hashway

"Not it!" everyone called before Jason.

"Oh, not again." Jason wasn't good at being the leprechaun when they played Leprechaun's Pot of Gold, a game they made up last St. Patrick's Day.

"Sorry, Jay. You're the leprechaun first. Hide the gold." Andrew handed Jason a bag of chocolate coins wrapped in gold foil.

"Fine. Go count to fifty," Jason said.

"Fifty? We always count to twenty," Julie said.

"Yeah, well, I'm not good at being the leprechaun."

Everyone nodded, which didn't make Jason feel any better. He watched them head for the back deck and face the house so they couldn't see where he hid the chocolates. Jason knew if he didn't trick them, he'd be stuck being the leprechaun all afternoon. He needed a really good hiding place.

Jason looked all around the yard. There was the tool shed, under the deck, in the bushes. No, those all seemed like places his friends would search. A real leprechaun would do a good job keeping the gold hidden. Jason thought about leprechauns some more. They hid their gold on the other side of a rainbow. Too bad it hadn't rained in a while. There were no rainbows in sight.

Jason looked back at the deck. He could hear Andrew counting and he was already up to forty. Jason was running out of time. Then he saw the sun catcher in the window. A rainbow glistened onto the side of the house, ending on the rain gutter. That's perfect! Jason ran for the gutter and slipped the gold inside. He dashed back to the center of the yard and stood there, focusing his eyes on his friends and not on the hiding place.



"Ready or not!" Julie said.

Jason couldn't help smiling. He felt like a real leprechaun. He watched his friends search the yard. They checked the deck, the shed, the bushes, and the garden. Andrew even asked Jason to empty his pockets, thinking Jason was hiding the gold in his clothing. They were stumped.

"What did you do with it?" Julie asked.

"I'll give you a hint," Jason said with a smile. "It's at the end of a rainbow, just where any leprechaun would hide a pot of gold."

"There aren't any rainbows," Andrew said, throwing his hands up in defeat.

"Okay, we give up," Julie said. "Show us."

Jason shook his head. "A leprechaun never reveals his pot of gold to humans."

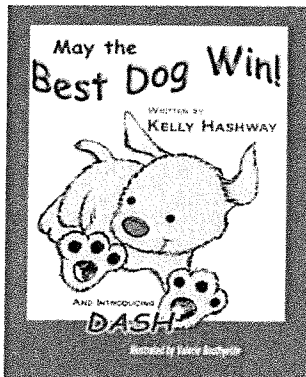
"Seriously, game's over," Andrew said. "You win."

"Okay." Jason walked over to the sun catcher and pointed to the rainbow on the side of the house. He ran his finger along it, ending at the rain gutter. He pulled out the gold.

"It really was at the end of a rainbow," Julie said.

"I guess I'm a good leprechaun after all," Jason said with a smile.

### About the Author



Kelly Hashway's picture book, *May the Best Dog Win*, is now available!

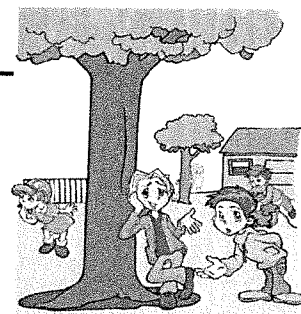
Dash has the perfect life until the Super Sweeper 5000 shows up. Sweeper runs all over the house sucking up the leftover food scraps, and he even gets his own room! But Dash won't give up his place as the favorite dog without a fight.

Hashway, Kelly. *May the Best Dog Win*. ISBN: 9780984589081

Name: \_\_\_\_\_

# Pot of Gold

by Kelly Hashway



1. This story is mostly about....
- a. a group kids who search for a pot of gold that was hidden by a leprechaun
  - b. a group of kids who find coins buried in the yard
  - c. a group of kids who play a St. Patrick's Day game in the backyard
  - d. a boy who wants to be a leprechaun

2. When does this story probably take place?
- a. in April
  - b. in mid-March
  - c. at the end of March
  - d. in June

3. Why did Jason decide to hide the coins by the rain gutter?

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4. When they are done playing the game, what will the children in the story probably do with the coins?
- a. save them for next year
  - b. divide them up evenly and spend them
  - c. bury them in the yard
  - d. eat them

5. When he could not find the coins, Andrew asked Jason to empty his pockets. Why?

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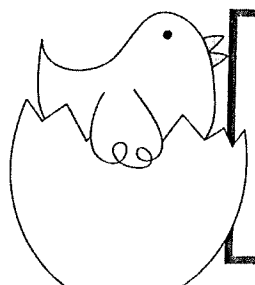
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# Spring Verbs

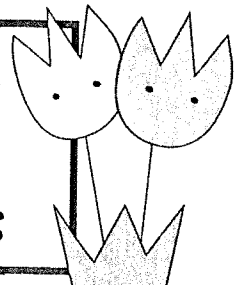
Name: \_\_\_\_\_

Write in the verb that best fits the sentence.

1. In spring, the sun \_\_\_\_\_ the earth.
2. In spring, the frozen ground \_\_\_\_\_.
3. In spring, the snow \_\_\_\_\_ in the mountains.
4. In spring, bears and frogs \_\_\_\_\_ from hibernation.
5. In spring, birds \_\_\_\_\_ from the south.
6. In spring, birds \_\_\_\_\_ eggs in their nests.
7. In spring, baby birds \_\_\_\_\_ from their eggs.
8. In spring, farmers \_\_\_\_\_ seeds.
9. In spring, baby plants \_\_\_\_\_.
10. In spring, plants \_\_\_\_\_ new buds
11. In spring, flowers \_\_\_\_\_.
12. In spring, people \_\_\_\_\_ Easter.



plant	wake up	lay	bloom
melts	celebrate	sprout	thaws
return	grow	hatch	warms



# Hello Spring!

Name: \_\_\_\_\_

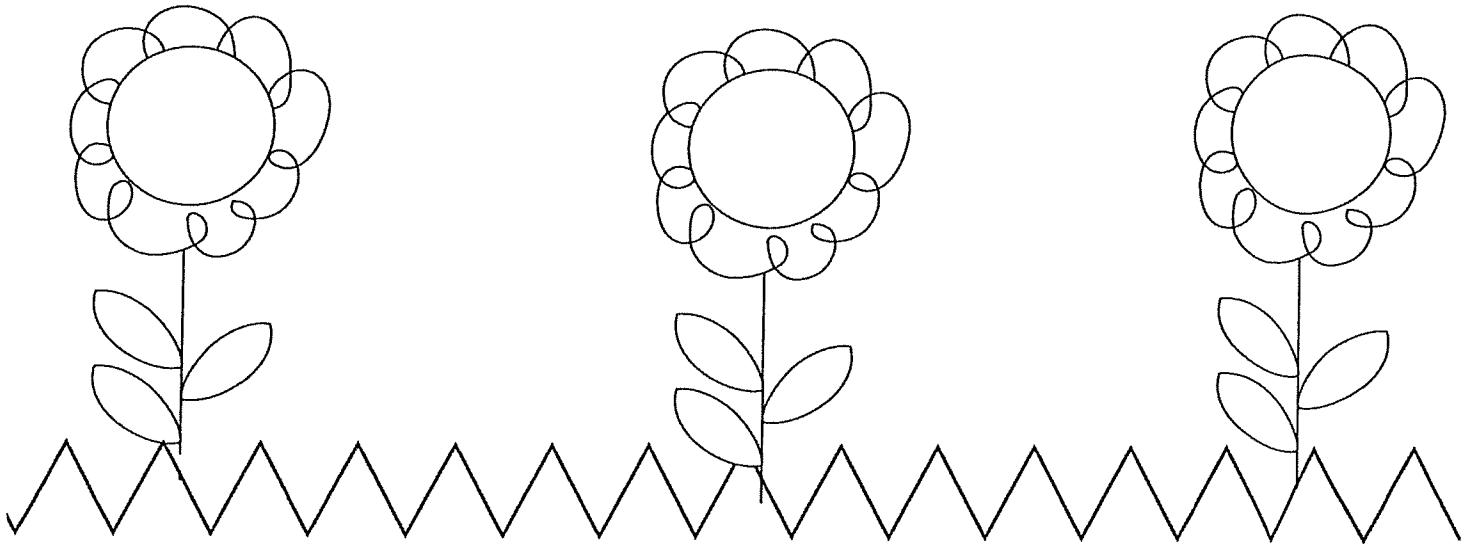
Read the selection and then answer the questions.

Spring is the season between winter and summer. It's the time of year when life begins again in nature.

In the Northern Hemisphere, spring begins on the day the center of the sun is directly over the equator. Usually, on March 20th, the sun crosses the equator and starts northward. As it travels north, its rays strike the northern countries more directly each day. Spring lasts until June 20 or 21. Spring begins a few hours earlier in Leap Year. In the Southern Hemisphere, spring begins in September and ends in December.

One of the earliest signs of spring is the new leaves growing on the trees and new plants emerging from the ground. In the spring, farmers sow their seeds into the ground and hope for good weather. With luck, they will have good crops to harvest in fall.

As the weather gets warm, bears and frogs come out of their long winter sleep called hibernation. Many animals in the forest give birth to babies. Birds return from the south. They build nests to lay eggs in. When the eggs hatch, the mother bird busies herself finding food to feed her young.



# Hello Spring!

Name: \_\_\_\_\_

Answer the questions about the reading selection.

1. Why does Earth have Spring?

\_\_\_\_\_

2. Write a fact about Spring.

\_\_\_\_\_

2. Write an opinion about Spring.

\_\_\_\_\_

4. What are two ways that Spring is different from winter?

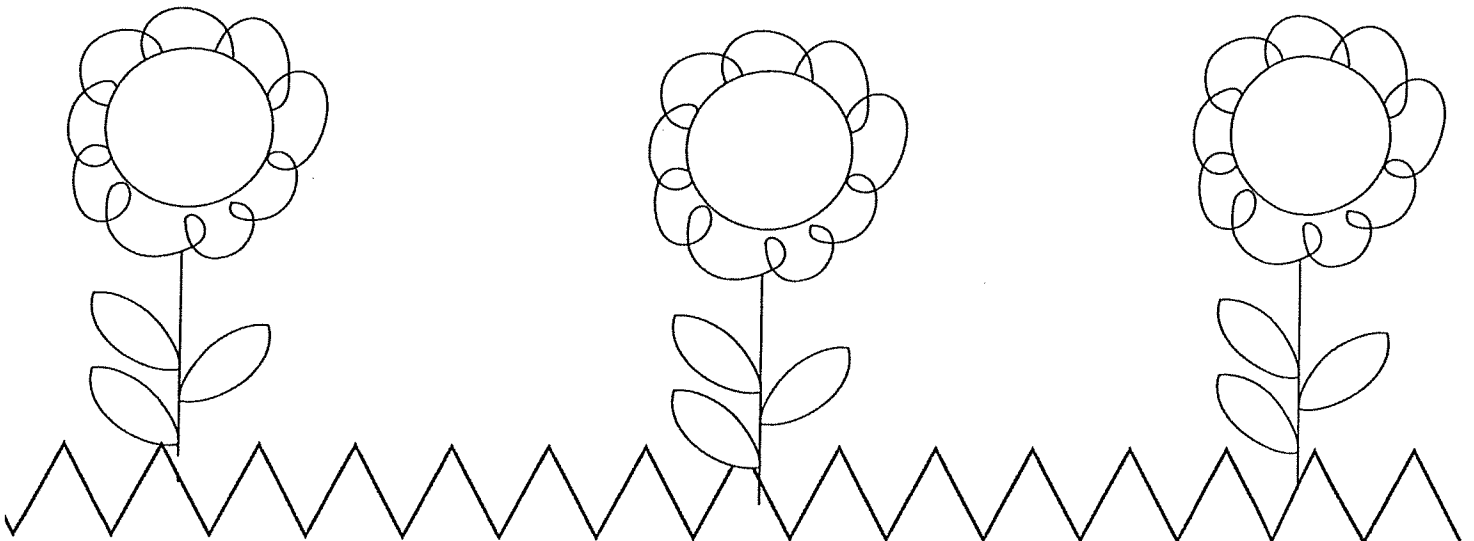
\_\_\_\_\_

\_\_\_\_\_

5. Do you like Spring, why or why not?

\_\_\_\_\_

\_\_\_\_\_



Name \_\_\_\_\_ Date \_\_\_\_\_

Edit this paragraph for capitalization.

today is a beautiful tuesday and everything is going great! the sky is blue with big, white, fluffy clouds and i can't wait to get home and see grandpa. he is visiting from ohio and only staying until friday. that means we have 4 days to pack in as much fun as possible! first, i want to read my favorite book, *click clack moo*, with him. then, i plan to take him to pizza hut for a great dinner with my brother charlie. on thursday we will be going to see the new disney movie in theaters with sarah. this is going to be the best week ever!

**Helpful Hint**

Underlining a letter 3 times is the proofreading symbol for capitalizing.

i = I

Rewrite the paragraph correctly.

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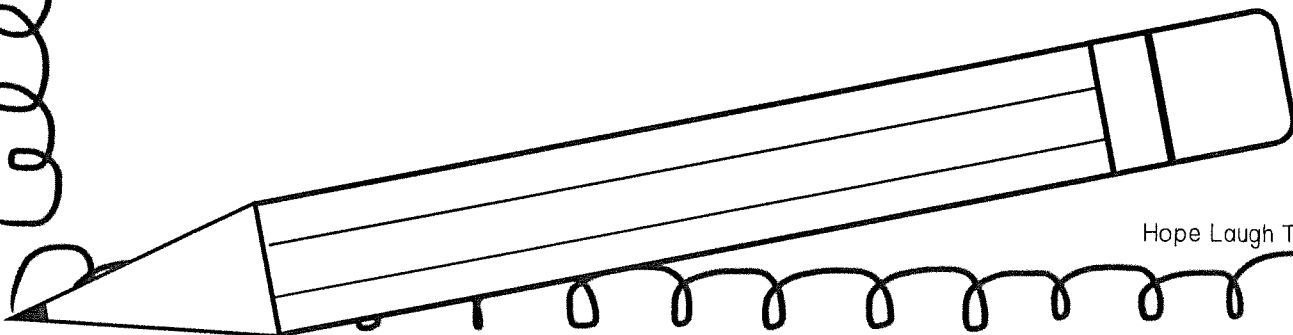
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Name: \_\_\_\_\_

# High Flyer

by Kelly Hashway

Matt and Allie carried their sketch to the sign up table. They couldn't wait to start building the kite they'd designed for the High Flyer contest. The line for registration was long and filled with kids of all ages. Two teenagers stood in front of them. Matt peeked at their sketch and his eyes widened.

"Look!" he whispered, tugging on Allie's sleeve.

Allie glanced at the sketch. "Whoa, theirs is a lot better than ours. Their kite looks like an airplane."

"And ours is a boring diamond," Matt said.

Allie nodded at the kids behind them. "What's theirs look like?"

Matt pretended to tie his shoe so he could see the paper at the girl's side. He sighed and stood up. "Theirs looks like a spaceship!"

"Names?" the woman at the sign up table asked.

Allie and Matt jumped. Allie signed them in.

"I need a copy of your design," the woman said. "After signing up, no alterations can be made to your design."

"What?" Matt asked.

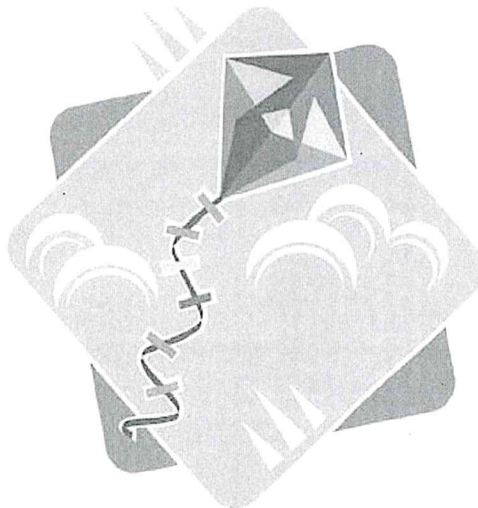
"Those are the rules." The woman took the paper from Matt's hand and stamped their design. "Next!"

Allie and Matt walked home with their heads down.

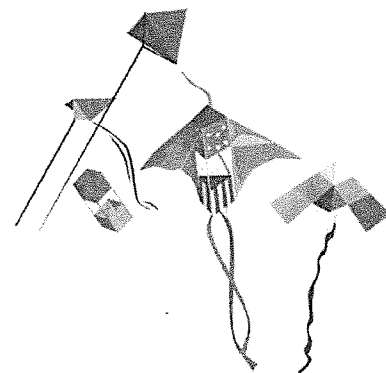
"I guess we stick to the diamond kite," Matt said.

"What if we gave it a cool looking tail? I bet the judges won't care about that," Allie said, perking up a little.

Matt shrugged.



They worked on their kite all weekend. It wasn't fancy, except for the tail. Allie had decorated it with feathers, beads, and tiny mirrors. It sparkled in the sunlight.



On the day of the contest, Allie and Matt carried their kite to the starting line. The rules were simple. The kite that flew the highest for the longest amount of time won. And there were two rounds, which meant two tries to be the best. Allie and Matt took their spot on the line. Matt moaned when he saw they were between the spaceship and the airplane.

"Flyers, on your mark!" the announcer said. "Go!"

Allie held the string while Matt ran down the field with the kite. He lifted it in the air. It wobbled and fell to the ground. Round one was over for them.

Matt ran the kite back to Allie. "It's the tail. The beads and mirrors are weighing it down."

"But they're so pretty," Allie said.

"Do you want pretty or do you want to win?"

Allie nodded, and Matt pulled off the beads and mirrors. He finished just in time for the start of round two.

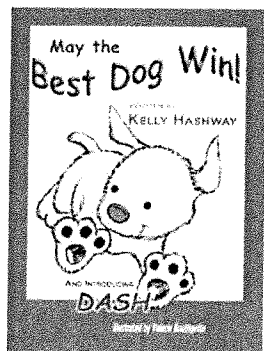
As he ran with the kite, he could feel the wind picking it up. He let go and raced back to help Allie. They let out the string as far as it would go, right past the spaceship and the airplane. The kite stayed up until the announcer blew his whistle and declared them the winners.

"I guess looks don't mean a thing in kite flying," Allie said.

"Yeah," Matt said. "Simple is best."

#### About the the Author

### Kelly Hashway



Kelly Hashway's latest book, *May the Best Dog Win*, is now available!

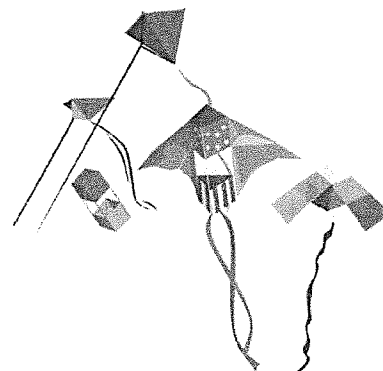
Dash has the perfect life until the Super Sweeper 5000 shows up. Sweeper runs all over the house sucking up the leftover food scraps, and he even gets his own room! But Dash won't give up his place as the favorite dog without a fight.

Hashway, Kelly. *May the Best Dog Win*. ISBN: 9780984589081

Name: \_\_\_\_\_

# High Flyer

by Kelly Hashway



1. What is the purpose of the High Flyer contest?
  - a. to build the best-looking kite
  - b. to build a kite that has an unusual tail
  - c. to build a kite that flies the highest
  - d. to build a kite that moves fastest
2. What rule did Matt and Allie learn when they were signing up?
  - a. They could not change their kite's design after signing up.
  - b. They needed to be 13 years old to enter.
  - c. They only had a weekend to finish the kite.
  - d. They could not make a diamond-shaped kite.
3. Why did Matt and Allie's kite crash to the ground during round one?  
\_\_\_\_\_  
\_\_\_\_\_

4. Which word best describes how Allie and Matt felt when they saw the plans for the airplane and spaceship kites? (circle one)

worried

excited

confused

relieved

Tell why you chose this word.

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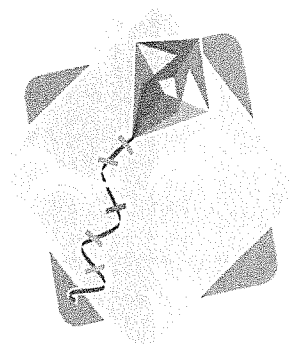
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5. Which of these events happens first?
  - a. Matt removed the beads and mirrors from the kite's tail.
  - b. Matt and Allie registered for the High Flyer contest.
  - c. Matt and Allie's kite fell to the ground.
  - d. Matt and Allie sketched a design for their kite.

Name: \_\_\_\_\_

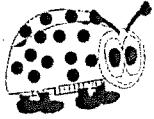
# High Flyer

by Kelly Hashway

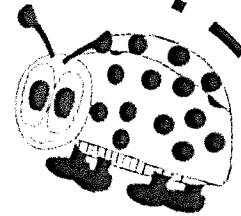


Match each vocabulary word from the story "High Flyer" to its definition.

- |                       |                                                     |
|-----------------------|-----------------------------------------------------|
| _____ 1. registration | a. changes                                          |
| _____ 2. teenagers    | b. gave off flashes of light; glimmered             |
| _____ 3. alterations  | c. process of signing up for an event               |
| _____ 4. stamped      | d. people between the ages of 13 and 19             |
| _____ 5. judges       | e. groaned                                          |
| _____ 6. perking up   | f. wiggled back and forth                           |
| _____ 7. moaned       | g. antonym for complicated                          |
| _____ 8. sparkled     | h. placed ink on paper with a rubber marker or seal |
| _____ 9. wobbled      | i. people who determine the winners of a contest    |
| _____ 10. simple      | j. becoming more cheerful                           |



# Simple or Compound?



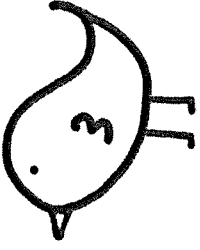
**Directions:** Write simple or compound on the line for each sentence. If it is compound, circle the conjunction in the sentence.

- \_\_\_\_\_ 1. Maria likes summer the best, but Sophie prefers spring.
- \_\_\_\_\_ 2. Beautiful flowers grow in the spring.
- \_\_\_\_\_ 3. Would you like to plant flowers in the garden, or would you like to plant vegetables?
- \_\_\_\_\_ 4. Mom said we could play outside in the rain, but Dad said no.
- \_\_\_\_\_ 5. I love the weather in the spring, and we get a week off from school!
- \_\_\_\_\_ 6. Some people like to grow flowers in their yards, but others just have grass.
- \_\_\_\_\_ 7. We go camping every spring.
- \_\_\_\_\_ 8. I have been camping every year, but my sister has only gone once.
- \_\_\_\_\_ 9. I like sunny spring days, but I don't like the bad storms that we get.
- \_\_\_\_\_ 10. We can play outside all day.
- \_\_\_\_\_ 11. I like to eat ice cream, and I like to go swimming.
- \_\_\_\_\_ 12. Spring is almost over, and summer will be here soon!
- \_\_\_\_\_ 13. I am excited about the trip we are taking on Spring Break!
- \_\_\_\_\_ 14. I can play in the treehouse today, or I can go to the pool with my brother.
- \_\_\_\_\_ 15. Students like Spring Break, but teachers like it more.





## *Sentence Sort*



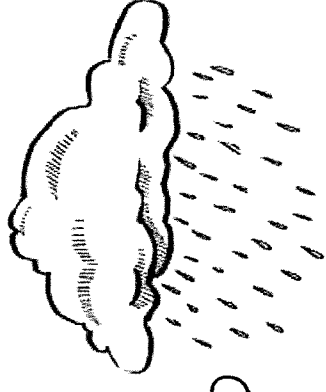
Directions: Cut out the sentences. Glue them under the correct category: simple or compound

Simple	Compound

The butterflies and caterpillars on the plants are beautiful.	Mom's favorite flowers are tulips, but Dad forgot and got her roses.
Some kids love to ride their bikes, but Karen hasn't learned how to ride hers.	The garden is doing really well this year.
We have carrots, lettuce, and tomatoes growing in our garden.	We got a new kite, but Johnny broke it the first time we took it out.
I love the snow, but I'm so glad the spring weather is finally here.	Spring is my favorite time of year!
I will get a new bike, and Max will get a new skateboard.	Dad needs to cut the grass, or Mom will hire a lawn service.
March and April are my favorite months.	Jenny is going camping this week.
The sun is shining today, and we get to play outside.	Gardening is Mom's favorite thing to do.
My dad takes me fishing every Saturday.	Chris said I can come over to his house, or he can come to mine.
We are going to the lake, and I get to ride a jet ski.	There's no school for a week, and I get to sleep late every day.
The sunshine helps the flowers grow.	We love to cook on the grill in the spring.

Name: \_\_\_\_\_

# In the Spring...



**I smell...**


**I see...**




**I hear...**


**I taste...**


**I touch...**


# Elements of a Story

Name: \_\_\_\_\_

PLOT
What happens in the story?
_____
_____
_____
_____

CHARACTERS
Name and Describe
_____
_____
_____
_____
_____
_____
_____
_____

THE STORY
Title:
_____
_____
Author:
_____
_____

SETTING
Where and When?
_____
_____
_____
_____
_____
_____
_____
_____

PROBLEM
Describe the problem in the story.
_____
_____
_____
_____
_____

SOLUTION
Describe how the problem is solved.
_____
_____
_____
_____
_____

Name: \_\_\_\_\_

## Numerators and Denominators

Part 1: Circle the numerator in each fraction below.

$\frac{3}{4}$

$\frac{1}{9}$

$\frac{7}{8}$

$\frac{7}{16}$

$\frac{2}{3}$

$\frac{6}{11}$

$\frac{1}{100}$

$\frac{5}{6}$

Part 2: Circle the denominator in each fraction below.

$\frac{1}{7}$

$\frac{2}{7}$

$\frac{1}{2}$

$\frac{5}{12}$

$\frac{3}{3}$

$\frac{8}{13}$

$\frac{1}{9}$

$\frac{4}{5}$

Part 3: Tell whether the arrow is pointing to the numerator or denominator.

$\rightarrow \frac{3}{8}$  \_\_\_\_\_

$\rightarrow \frac{7}{20}$  \_\_\_\_\_

$\rightarrow \frac{3}{6}$  \_\_\_\_\_

$\rightarrow \frac{6}{18}$  \_\_\_\_\_

$\rightarrow \frac{1}{5}$  \_\_\_\_\_

$\rightarrow \frac{7}{9}$  \_\_\_\_\_

$\rightarrow \frac{1}{6}$  \_\_\_\_\_

$\rightarrow \frac{2}{10}$  \_\_\_\_\_

$\rightarrow \frac{2}{9}$  \_\_\_\_\_

Part 4: Continue the pattern.

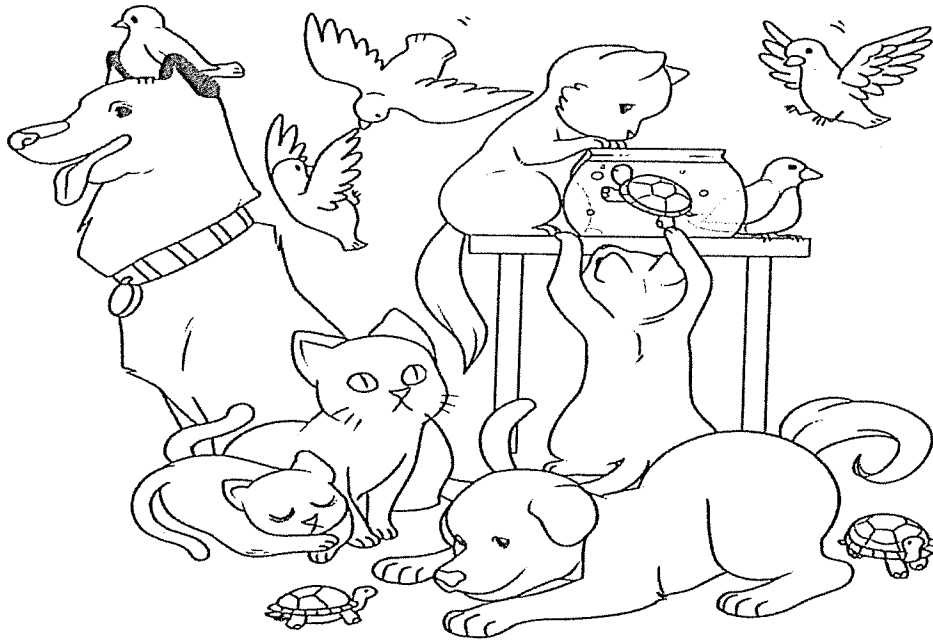
$\frac{1}{3}, \frac{2}{6}, \frac{3}{9}, \frac{4}{12}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

Explain how you figured out the pattern above: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

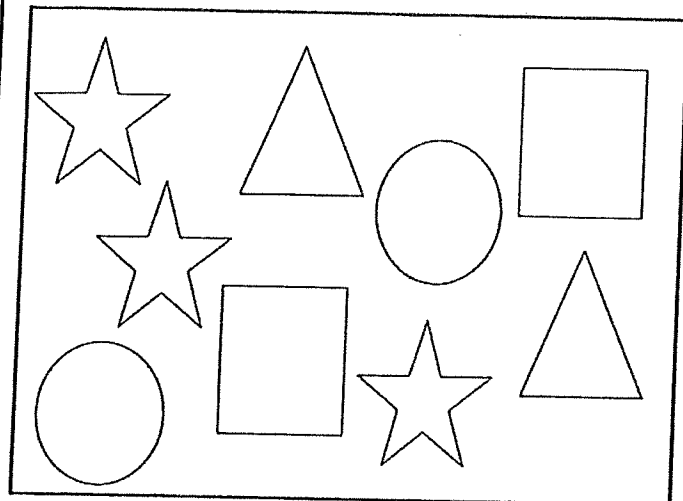
## Fractions of a Set



1. How many animals are in the picture? \_\_\_\_\_
2. What fraction of the animals are dogs? \_\_\_\_\_
3. What fraction of the cats are sleeping? \_\_\_\_\_
4. What fraction of the turtles are swimming in water? \_\_\_\_\_
5. What fraction of the birds are flying? \_\_\_\_\_
6. What fraction of the animals have four legs? \_\_\_\_\_
7. What fraction of the animals have eyes? \_\_\_\_\_

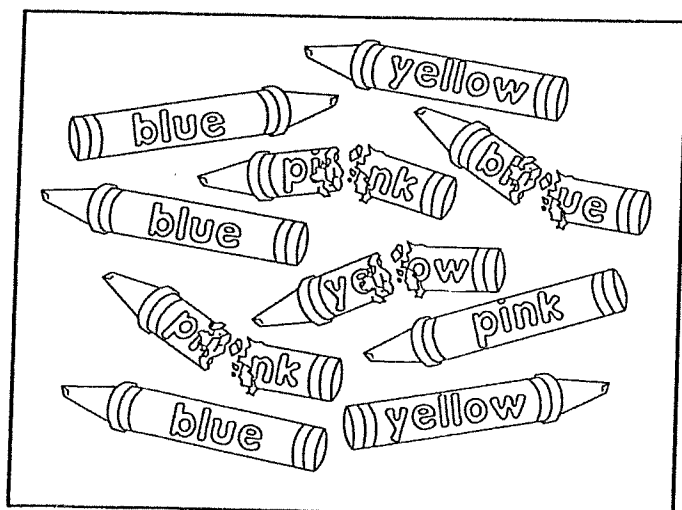
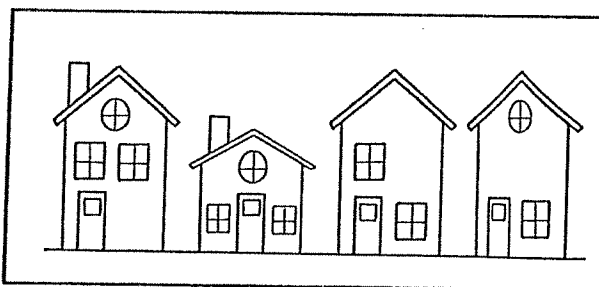
Name: \_\_\_\_\_

## Fractions of a Set



1. What fraction of the shapes are triangles? \_\_\_\_\_
2. What fraction of the stars are gray? \_\_\_\_\_
3. What fraction of the circles are white? \_\_\_\_\_

4. What fraction of the houses have a chimney? \_\_\_\_\_
5. What fraction of the houses have two or more windows? \_\_\_\_\_

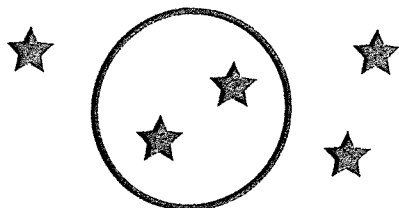


6. What fraction of the crayons are broken? \_\_\_\_\_
7. What fraction of the crayons are yellow? \_\_\_\_\_
8. What fraction of the pink crayons are broken? \_\_\_\_\_

Name: \_\_\_\_\_

## Fractions of a Set

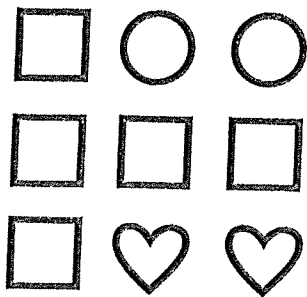
a. What fraction of the stars are outside the circle?



answer:

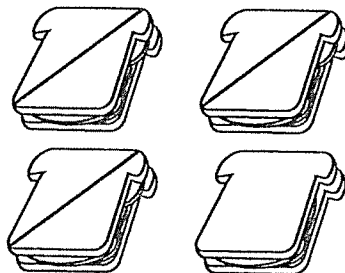
b. Draw 7 shapes.  $\frac{3}{7}$  of the shapes should be triangles.

c. What fraction of the shapes are circles?



answer:

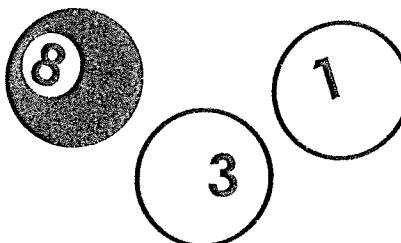
d. What fraction of the sandwiches are cut in half?



answer:

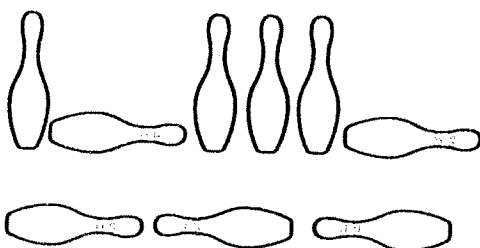
e. Write 6 letters.  $\frac{5}{6}$  of your letters should be vowels.

f. What fraction of the billiard balls have even numbers on them?



answer:

g. What fraction of the bowling pins are standing?



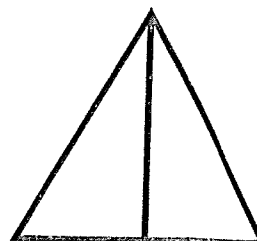
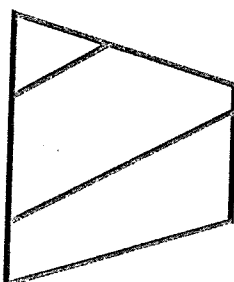
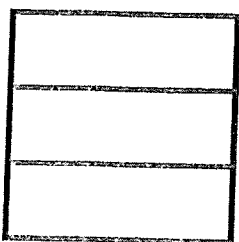
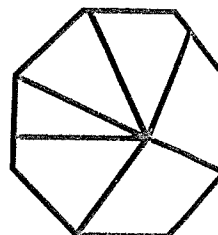
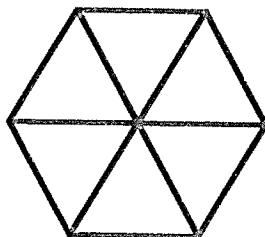
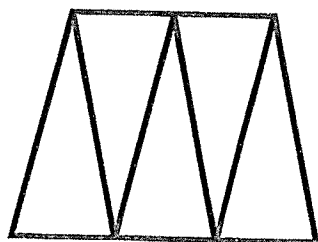
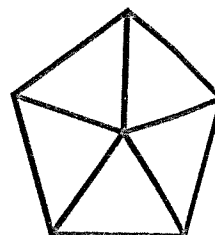
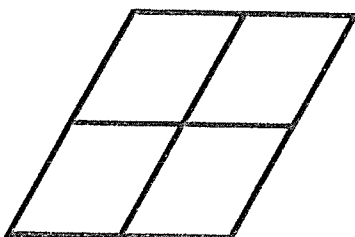
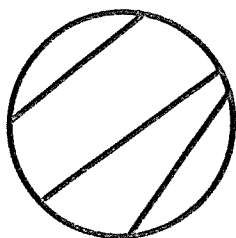
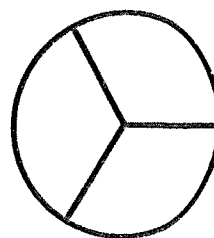
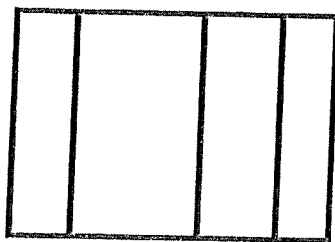
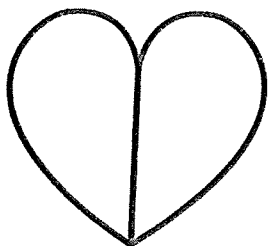
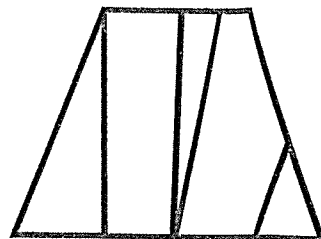
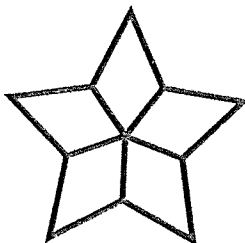
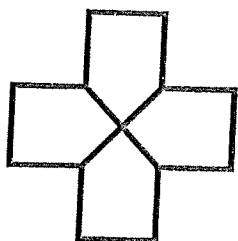
answer:

h. Draw 10 smiling faces. Only  $\frac{1}{10}$  of the smiling faces should have a nose.

Name: \_\_\_\_\_

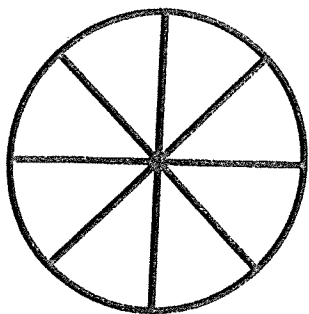
## Equal Parts

Color the shapes that are divided into equal parts.



Name: \_\_\_\_\_

## Colorful Fraction Circles

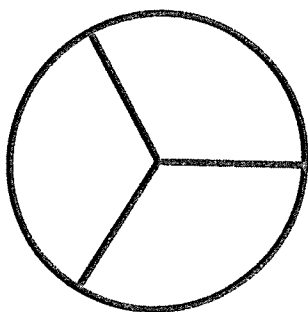


**Color 3 parts red. Color 4 parts blue. Color 1 part green.**

What fraction of the circle is red? \_\_\_\_\_

What fraction of the circle is blue? \_\_\_\_\_

What fraction of the circle is green? \_\_\_\_\_

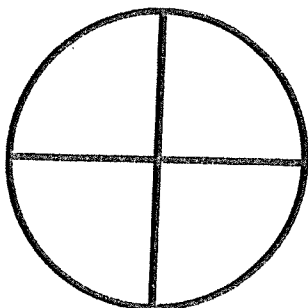


**Color 1 part red. Color 1 part yellow. Color the rest of the circle green.**

What fraction of the circle is red? \_\_\_\_\_

What fraction of the circle is yellow? \_\_\_\_\_

What fraction of the circle is green? \_\_\_\_\_

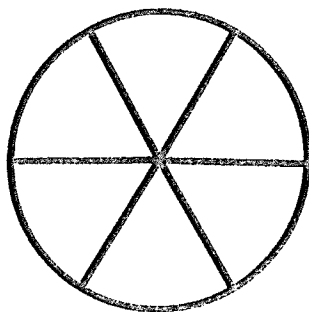


**Color half of the circle orange. Color 1 part purple. Color 1 part brown.**

What fraction of the circle is orange? \_\_\_\_\_

What fraction of the circle is purple? \_\_\_\_\_

What fraction of the circle is brown? \_\_\_\_\_



**Color 1 part blue. Color 4 parts green.**

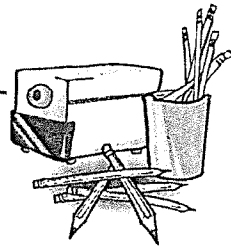
What fraction of the circle is blue? \_\_\_\_\_

What fraction of the circle is green? \_\_\_\_\_

What fraction of the circle is not colored? \_\_\_\_\_

Name: \_\_\_\_\_

## Fraction Word Problems



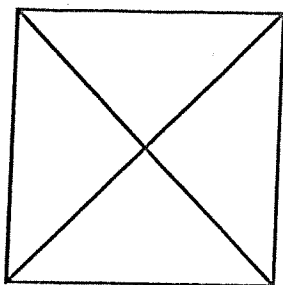
1. Matthew has 8 pencils. Three of them do not have erasers on the end. What fraction of the pencils do not have erasers of the end?  
answer:
2. Mitchell has a small bag with 12 M&Ms in it. 5 of the M&Ms are yellow. 2 are green. 1 is orange. 4 are brown. What fraction of the M&Ms are brown?  
answer:
3. Chelsea divided an apple into 8 equal pieces. She ate 5 pieces. She put the other 3 in the fridge. What fraction did Chelsea eat?  
answer:
4. Francis has 6 chocolate bars. He gives one to John and one to Chester. He keeps the rest for himself. What fraction of the chocolate bars did he give away?  
answer:
5. There are ten cookies in the cookie jar. 3 are Oreos. 2 are peanut butter cookies. 4 are chocolate chip cookies. 1 is a sugar cookie. What fraction of the cookies are peanut butter cookies?  
answer:
6. Hannah ordered a pizza. It was divided into 8 equal slices. Hannah ate two slices right away and another slice before bed. What fraction of the pizza did she eat?  
answer:
7. There are 11 paper clips in the drawer. 3 are gold. 8 are silver. What fraction of the paper clips are gold?  
answer:
8. There are 7 gloves in the lost & found box. There are 2 blue gloves, 3 green gloves, 1 black glove, and 1 brown glove. What fraction of the gloves are black?  
answer:
9. There are 9 buttons on Harry's shirt. 3 fall off. What fraction of the buttons fell off of Harry's shirt?  
answer:
10. Clint has a pizza that is cut into 4 equal pieces. 3 pieces have pepperoni on them. The other piece only has cheese. What fraction of the pizza only has cheese?  
answer:
11. Alley makes a sandwich. She puts jelly on a slice of bread. She puts peanut butter on another slice of bread. What fraction of the bread has jelly on it?  
answer:
12. Daniel has 6 erasers. He gives one to P.J. and he gives one to Ken. He keeps the rest. What fraction of his erasers did he give away?  
answer:

Name: \_\_\_\_\_

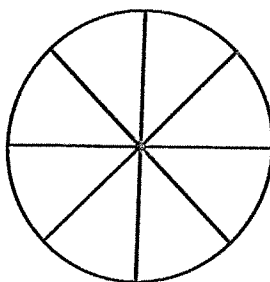
## Fractions of Shapes

Tell what fraction of each shape is shaded.

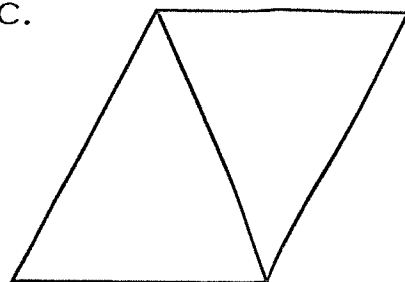
a.



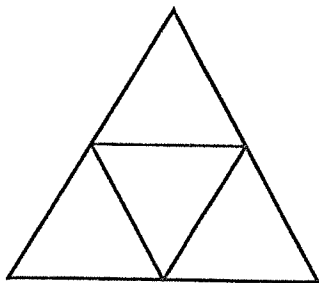
b.



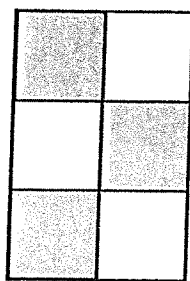
c.



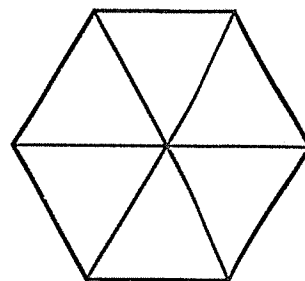
d.



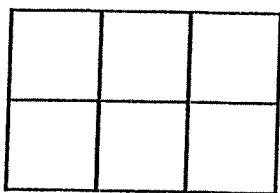
e.



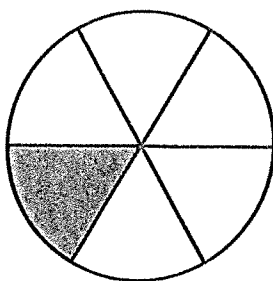
f.



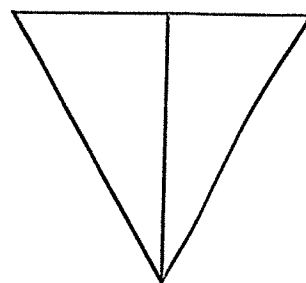
g.



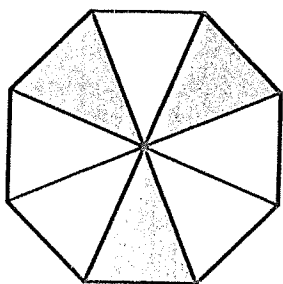
h.



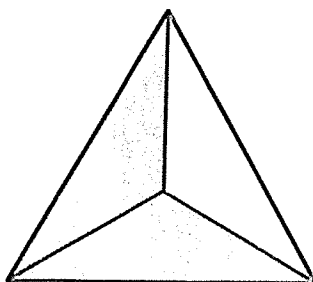
i.



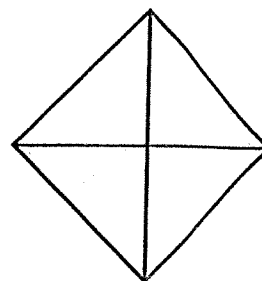
j.



k.



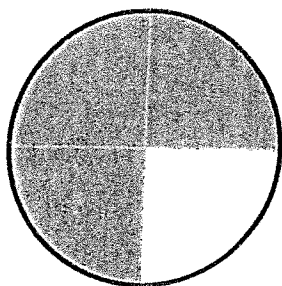
l.



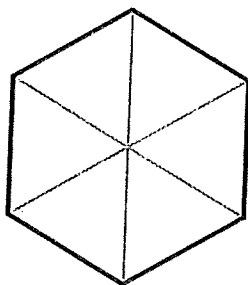
Name: \_\_\_\_\_

## Fraction Shapes

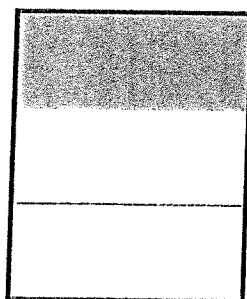
Write the fraction for the shaded area of each shape.



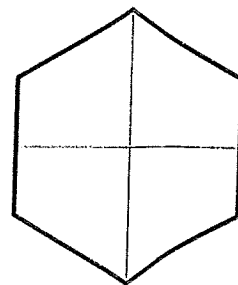
\_\_\_\_\_



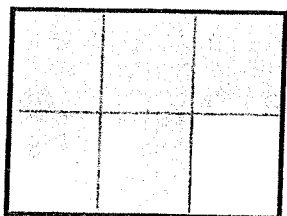
\_\_\_\_\_



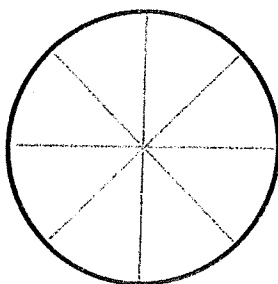
\_\_\_\_\_



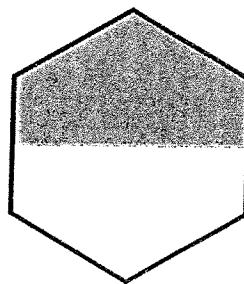
\_\_\_\_\_



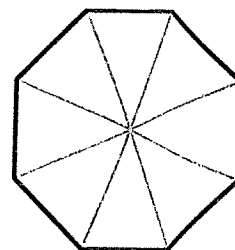
\_\_\_\_\_



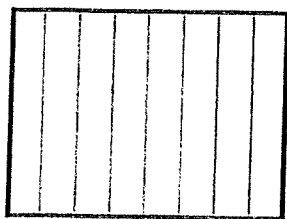
\_\_\_\_\_



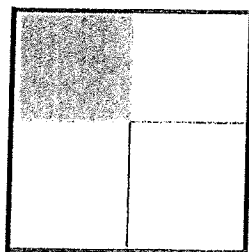
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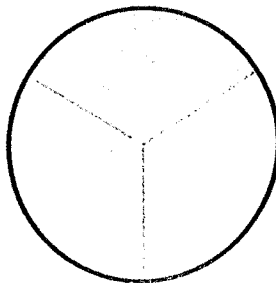
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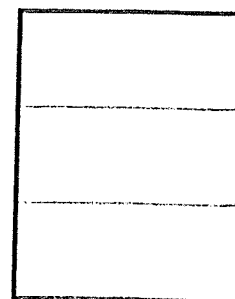
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

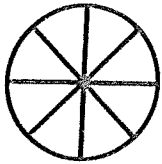


\_\_\_\_\_

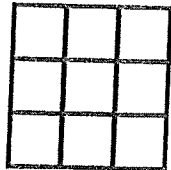
Name: \_\_\_\_\_

## Fractions

a. Color  $\frac{3}{8}$



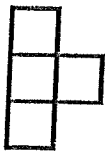
b. Color  $\frac{5}{9}$



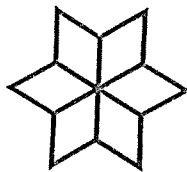
c. Color  $\frac{1}{3}$



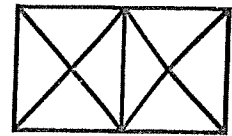
d. Color  $\frac{1}{4}$



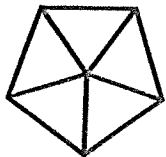
e. Color  $\frac{4}{6}$



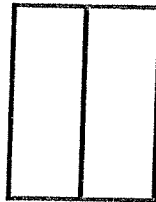
f. Color  $\frac{7}{8}$



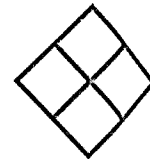
g. Color  $\frac{1}{5}$



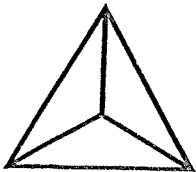
h. Color  $\frac{2}{2}$



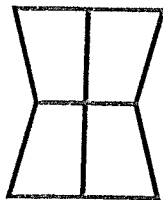
i. Color  $\frac{3}{4}$



j. Color  $\frac{2}{3}$



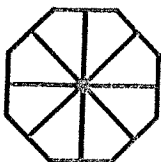
k. Color  $\frac{2}{4}$



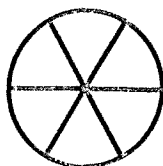
l. Color  $\frac{3}{5}$



m. Color  $\frac{5}{8}$

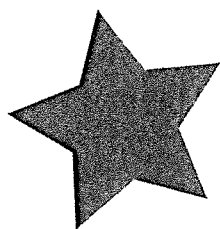


n. Color  $\frac{5}{6}$



o. Color  $\frac{1}{2}$





# The American Flag

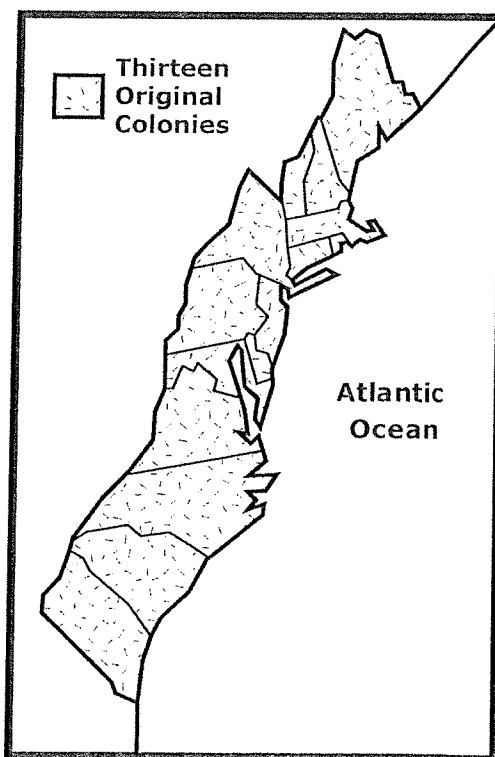
The American Flag is a very important **symbol** in our country. A symbol is an object that represents or stands for something else. Bravery, freedom, and honor are just three of the many things that the American Flag represents. Do you know the history of the American Flag?

## The Thirteen Original Colonies

Hundreds of years ago, **colonists** from England sailed to America. Colonists are people who must follow someone else's rules. The colonists settled in 13 colonies along the Atlantic Ocean.

The colonists cut down trees and used the land for farming. They built churches, schools, and stores. The colonists did what the leaders in England told them to do.

The colonists wanted to make their own decisions. They were willing to fight for this freedom.



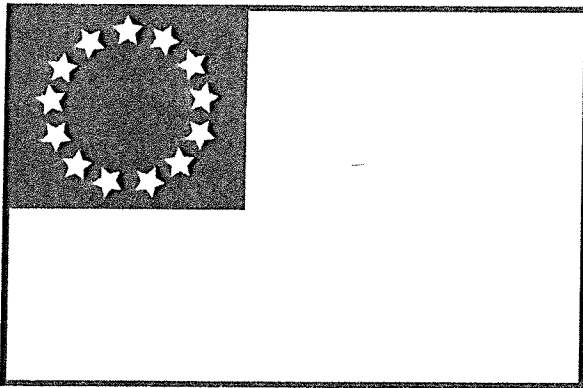
## The Revolutionary War

In 1775, the first shots of the Revolutionary War were fired. England sent soldiers and supplies to fight against the colonists in America.

After a year of fighting, the colonists made a bold move. They declared their **independence** from England. Independence means freedom from someone else's control. The colonists named themselves the United States of America.

## The American Flag

On June 14, 1777, a flag was chosen to represent the United States of America. The colors of the new flag were



red, white, and blue. There was one red or white stripe for each of the 13 original colonies.

In 1777, there were 13 white stars on the flag. The stars represented the 13 states in the new nation. The color behind the stars was blue.

Today, the American Flag is still red, white, and blue. There are still 13 stripes on the American Flag. Seven of the stripes are red. Six of the stripes are white. The stripes represent the 13 original colonies. There are now 50 white stars on the American Flag. There is one star for each of the 50 states.

Name \_\_\_\_\_

★ ★ ☆ ★ ☆ The American Flag ★ ☆ ★ ☆ ★

1. What is a **symbol**?

\_\_\_\_\_

2. What are the three colors of the American Flag?

\_\_\_\_\_

3. How many stripes are on the American Flag?

\_\_\_\_\_

4. What does each stripe represent?

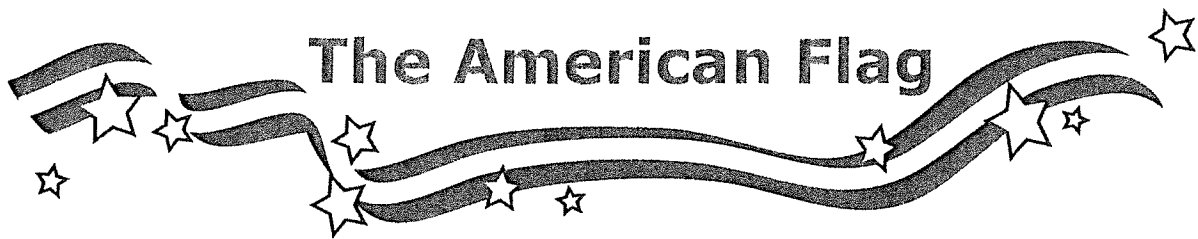
\_\_\_\_\_

5. How many stars are on the American Flag today?

\_\_\_\_\_

6. What does each star represent?

\_\_\_\_\_

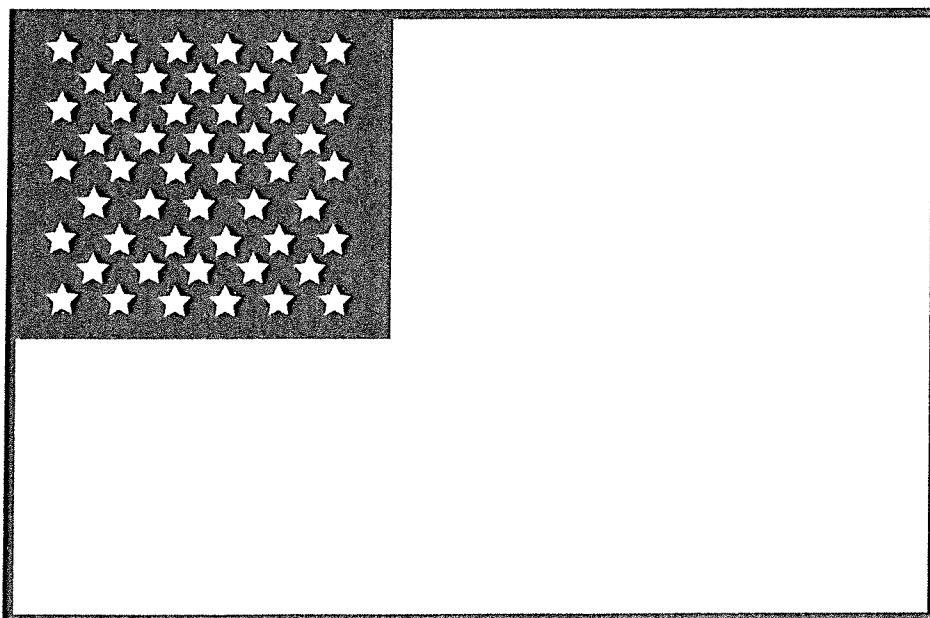


**Directions:** Neatly color the American Flag on the next page.

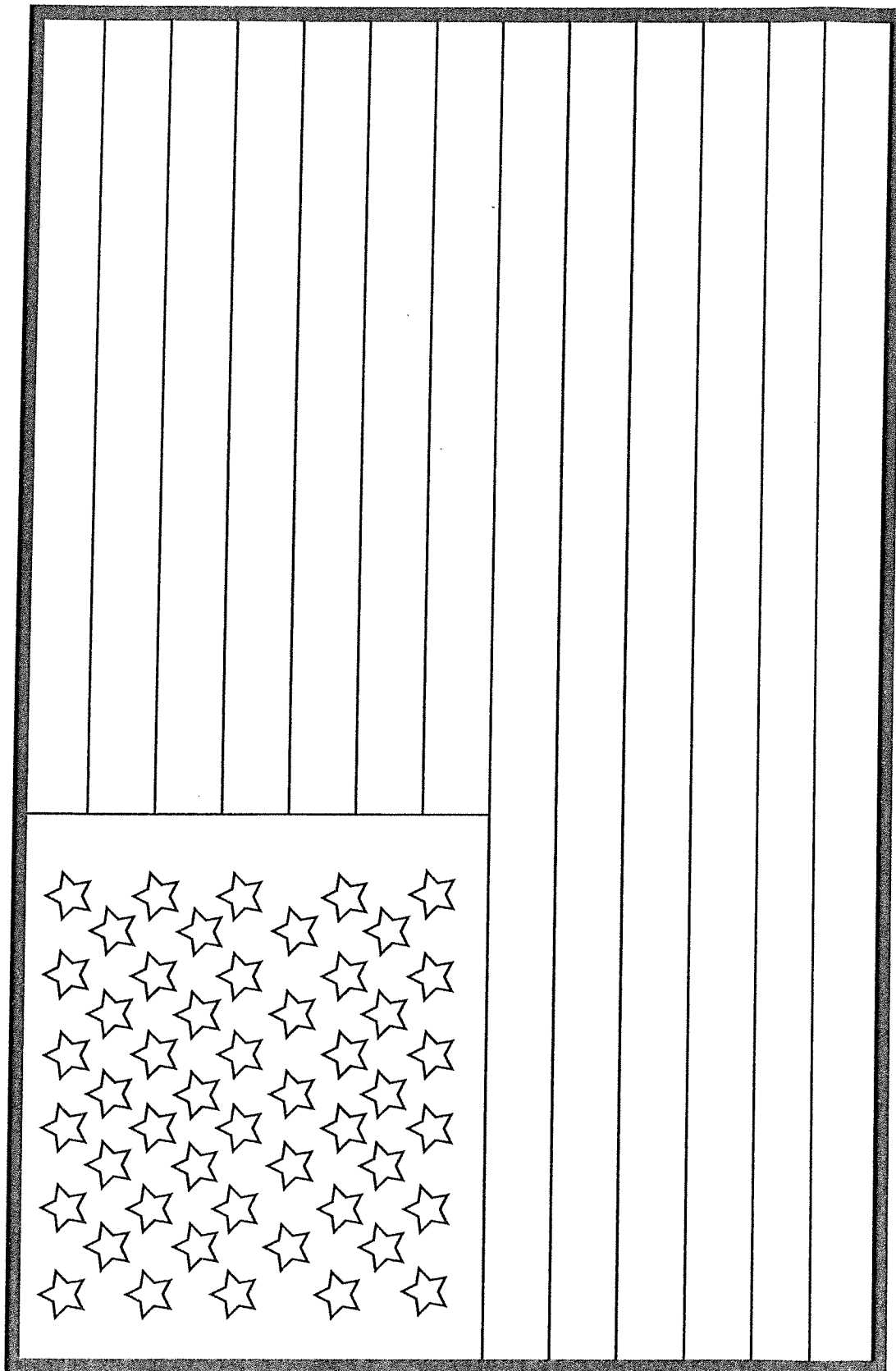
Color the area behind the stars **blue**.

Color the top stripe **red**. Color the next stripe **white**. Color the next stripe **red**. Continue this pattern until you have colored all 13 stripes **red** and **white**.

Color each of the 50 stars **white**.



Name \_\_\_\_\_



## Lesson 2







### Building Blocks of Matter

## What are elements?

All matter is made up of **elements**. An element is the building block of matter.

People long ago thought there were four elements. These were earth, wind, fire, and water.

We now know that these were not real elements. Tools have helped us observe over 100 elements. Some are listed below.

Elements	
iron	
gold	
carbon	
aluminum	
copper	
neon	

## What are atoms?

Elements are made up of tiny parts called atoms. An **atom** is the smallest part of an element that still has the properties of that element. All atoms of an element are the same.



Atoms are very small. If Earth were the size of an apple, then an apple would be the size of an atom.

### **Quick Check**

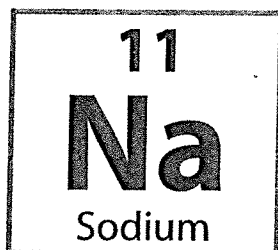
Fill in the blanks.

7. How would two atoms from the same element compare with one another? \_\_\_\_\_

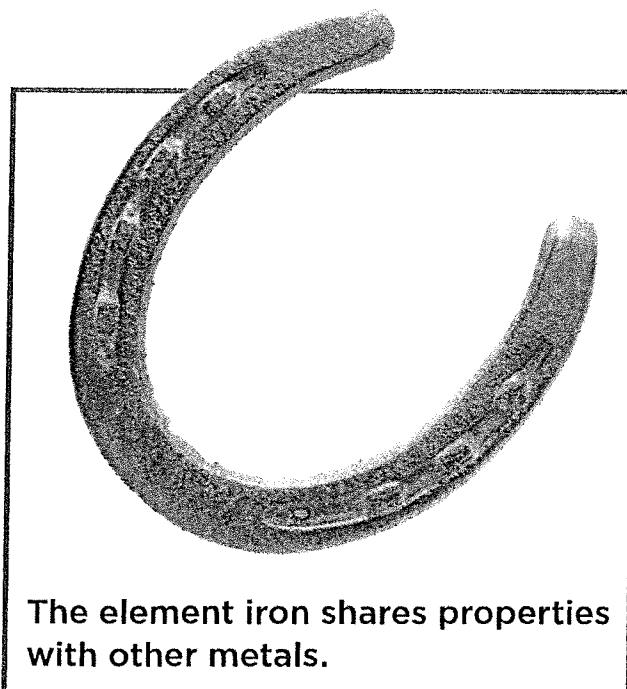
## How do we arrange elements?

Scientists use a table to arrange the elements. You can see it on the next page.

Each element has a symbol. For example, sodium has the symbol Na.



Elements are grouped together. One group is called metals. Iron is an example of a metal. The elements in each group share some properties.



The element iron shares properties with other metals.