

Complete within 2 weeks of returning to school.

# NTI DAY 18



Harrison County Schools

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

Grade: 4

Teacher: \_\_\_\_\_

## Day 18 Checklist (complete ALL items on the checklist)

### Reading

\_\_\_ Read Grammar mini lesson - Commas

\_\_\_ Complete Comma worksheet

\_\_\_ Choose a writing prompt to answer from the writing grid. Be sure to follow the criteria listed on the criteria page. (minimum of 1 paragraph)

### Math

\_\_\_ Complete Daily Common Core Review 9-1

\_\_\_ Review Lines, Triangle, Quadrilaterals, and Symmetry (see previous mini lessons if needed)

\_\_\_ Complete reteach pages 859 - 860

\_\_\_ Complete Vocabulary Review page 858

\_\_\_ Additional online resources:

(You may review any videos from days 11 - 17)

### Science

\_\_\_ Complete "Check your Comprehension" (use article day 17)

\_\_\_ Complete "Practice Vocabulary"

### Life Readiness /Global Competency

\_\_\_ Complete Library Activity - Library Menu



# Grammar



**How Are Commas Used?** A **comma** is needed after an introductory word in a sentence. One or two commas are needed to set off the name of a person being addressed. A comma separates the day and the year in a date as well as the city and the state in a place name. Commas are used to separate items in a series, a list of nouns or actions.

to set off an introductory word      to set off a name  
No, Wardell, that is not a warthog.

in a place name  
It is the baby hippo that was rescued near Malindi, Kenya, on  
December 27, 2004.  
in a date

to separate items in a series  
Villagers, fishermen, and visitors performed the rescue.

A comma is used with a conjunction to form a compound sentence. A comma is also used to introduce quotations.

to join parts of a compound sentence  
The tortoise was not very friendly, but he loved being tickled.

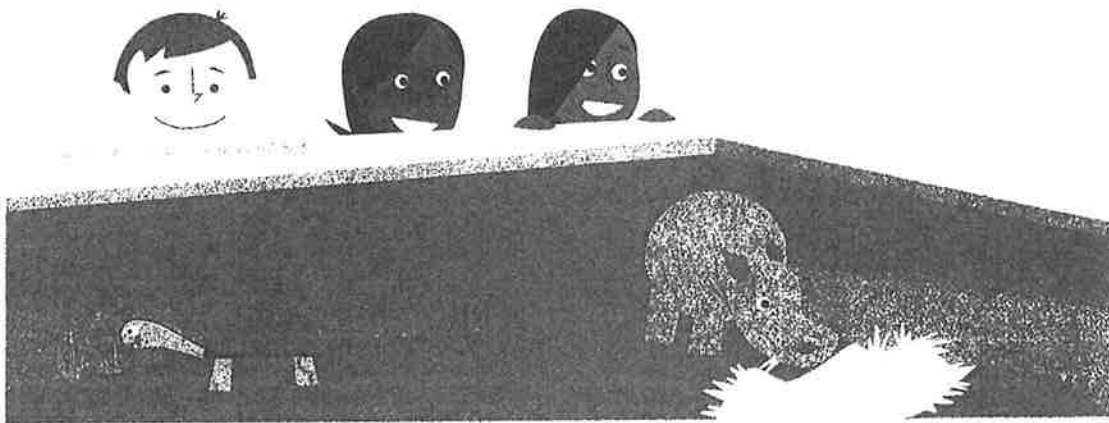
in a direct quotation  
"I would love to see a baby hippo," remarked Ann.



**Work with a partner. Read each sentence and tell how each comma is used.**

- 1 Leah said, "Our zoo has adult hippos, but none of them have babies."
- 2 "Hey, let's look on the Internet," suggested Ivan.
- 3 Leah, Ann, and Juan ran to the computer.
- 4 They found a baby hippo in a zoo in Seattle, Washington.

Sentences with missing commas can be difficult for readers to understand. Check your writing carefully to make sure you have used commas where they are needed.



Sheila Billy and Ava flew into Mombasa Kenya on May 22 2014.

"Look here Billy" said Sheila.

Billy exclaimed "The tortoise is eating, so the little hippo is eating, too!"

Sheila, Billy, and Ava flew into Mombasa, Kenya, on May 22, 2014.

"Look here, Billy," said Sheila.

Billy exclaimed, "The tortoise is eating, so the little hippo is eating, too!"



## Connect Grammar to Writing

As you edit your research report next week, make sure that you have used commas correctly. They should be used with introductory words, names, dates, places, direct quotations, compound sentences, and items in a series.

# Commas with Direct Speech and Names

When you write, use a comma to set off the name of a person addressed directly and to set off introductory words such as *yes*, *no*, and *well*.

Yolanda, can you tell me about the giant tortoise?

Well, the giant tortoise eats both plants and animals. I wonder, Mr. Scorzo, if a tortoise is the same as a turtle?

### Thinking Questions

*Does the sentence include an introductory word or the name of a person being addressed? Does the quotation include words that tell who is speaking?*

**1–5.** Write the sentences correctly. Add commas where they are needed.

1. Yes giant tortoises sleep inside their shells.

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2. Randy have you ever picked up a tortoise?

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3. No I would be afraid it might bite me.

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4. These animals cannot walk fast Brenda though their legs are strong.

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5. Well their legs have to hold up those very heavy shells.

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# Commas in Compound Sentences

A **compound sentence** joins two complete ideas using a coordinating conjunction such as *and*, *but*, *or*, or *so*. Each half of a compound sentence has its own subject and predicate. Use a comma before the conjunction in a compound sentence.

subject    verb
subject verb

Hippopotamuses live in lakes and rivers, **but** they graze on land every day.

### Thinking Questions

*Which word is the coordinating conjunction? Where does the comma go in the sentence?*

**1–3.** Join each pair of sentences using the conjunction in parentheses ( ). Be sure your compound sentence has a comma before the conjunction.

1. Hippos graze for hours each evening. They eat up to 150 pounds of food a day. (and)

\_\_\_\_\_

\_\_\_\_\_

2. Hippos have eyes, ears, and nose on the top of their heads. They can keep most of their body underwater. (so)

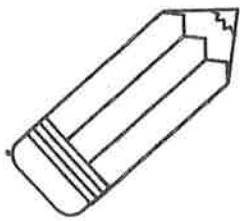
\_\_\_\_\_

\_\_\_\_\_

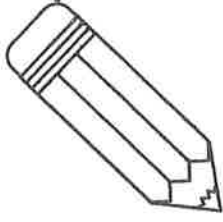
3. Hippos cannot sweat. They keep cool in the mud and water. (but)

\_\_\_\_\_

\_\_\_\_\_



# Writing Topic Grid



<p>If you had to spend the whole day outside in the beautiful weather, write about what you would do.</p>	<p>Should students go to school year round, with two weeks at school, then two weeks off? Explain why or why not.</p>	<p>There are 24 hours in a day. Write about what your day would be like if there were only 6 hours in a day.</p>	<p>If you had to give up something that you love for one week, what would it be?</p>
<p>What does it mean to appreciate someone? What are some things you can do to show them you appreciate them?</p>	<p>Write an entry using this opening sentence: I'll never forget the time when...</p>	<p>Write about some chores you are responsible for at home, or ways that you help out around the house.</p>	<p>If you were going to open a restaurant, what would it be called? What are some things that would be on the menu?</p>
<p>If you were going on a picnic, describe what would be in your basket.</p>	<p>Would you rather have no TV, no computer, or no video games? Explain.</p>	<p>FREE CHOICE</p>	<p>Should stores be allowed to continue selling junk food, or should they be forced to stop?</p>
<p>What is one invention already exists that you wish YOU thought of? Why?</p>	<p>If you could be an author and write any book, what would be the title? What would it be about?</p>	<p>If you could only eat one food for the rest of your life, what would it be and why?</p>	<p>It's BBQ season! What is your favorite thing to eat at a BBQ?</p>
<p>FREE CHOICE</p>	<p>If you could create a special burger, what would it be called? What toppings would be on it?</p>	<p>If you could be on a reality TV show, would you be on a show about singing, dancing, cooking, or adventure?</p>	<p>FREE CHOICE</p>

# Criteria

## Expository:

- My writing gives information about my topic and has interesting ideas.
- My writing is organized so that a main idea and its details are in the same paragraph.
- My writing uses interesting words and sentences.

## Persuasive:

- My writing persuades or convinces someone of something and has interesting ideas.
- My writing is organized in paragraphs with detailed reasons for supporting my idea.
- My writing uses interesting words and sentences.

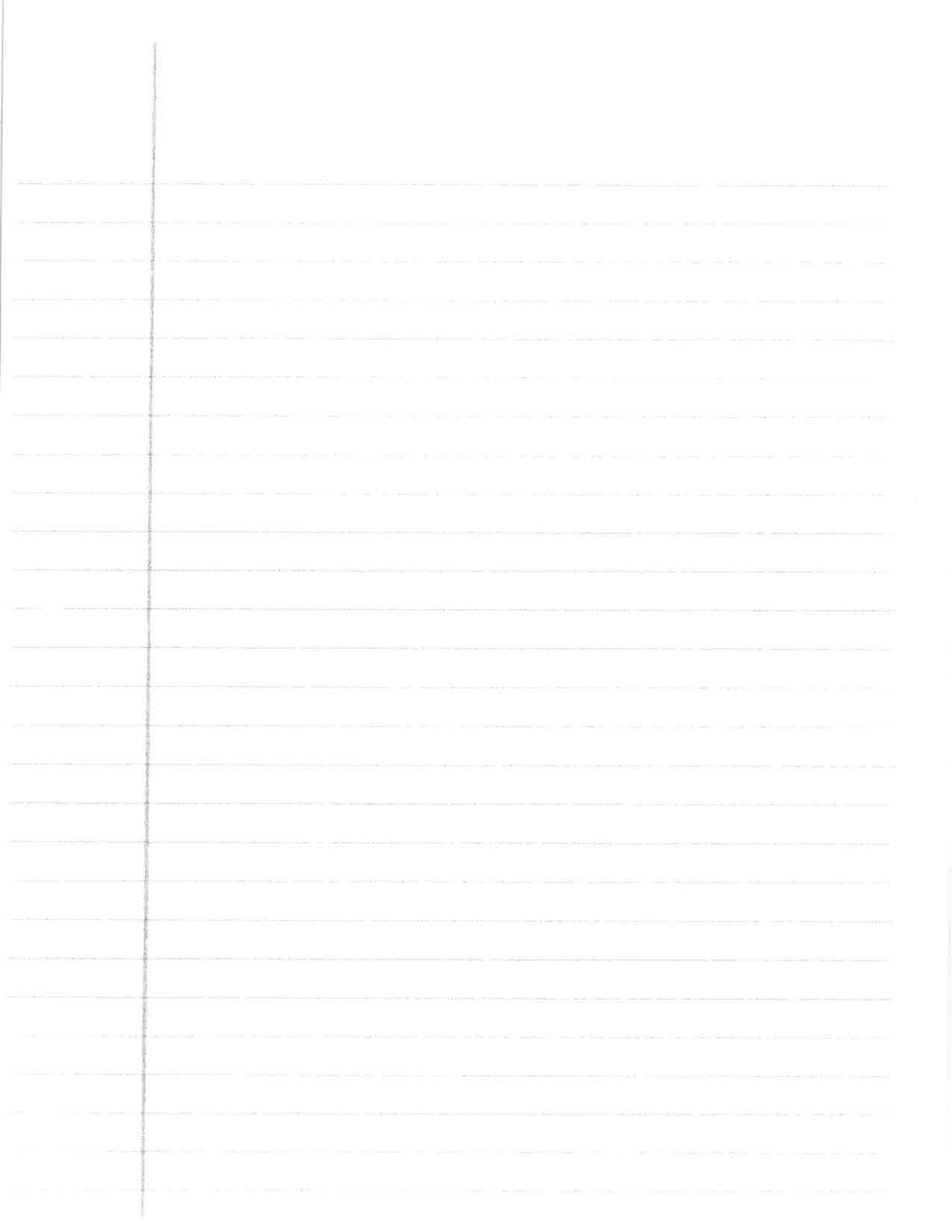
## Narrative:

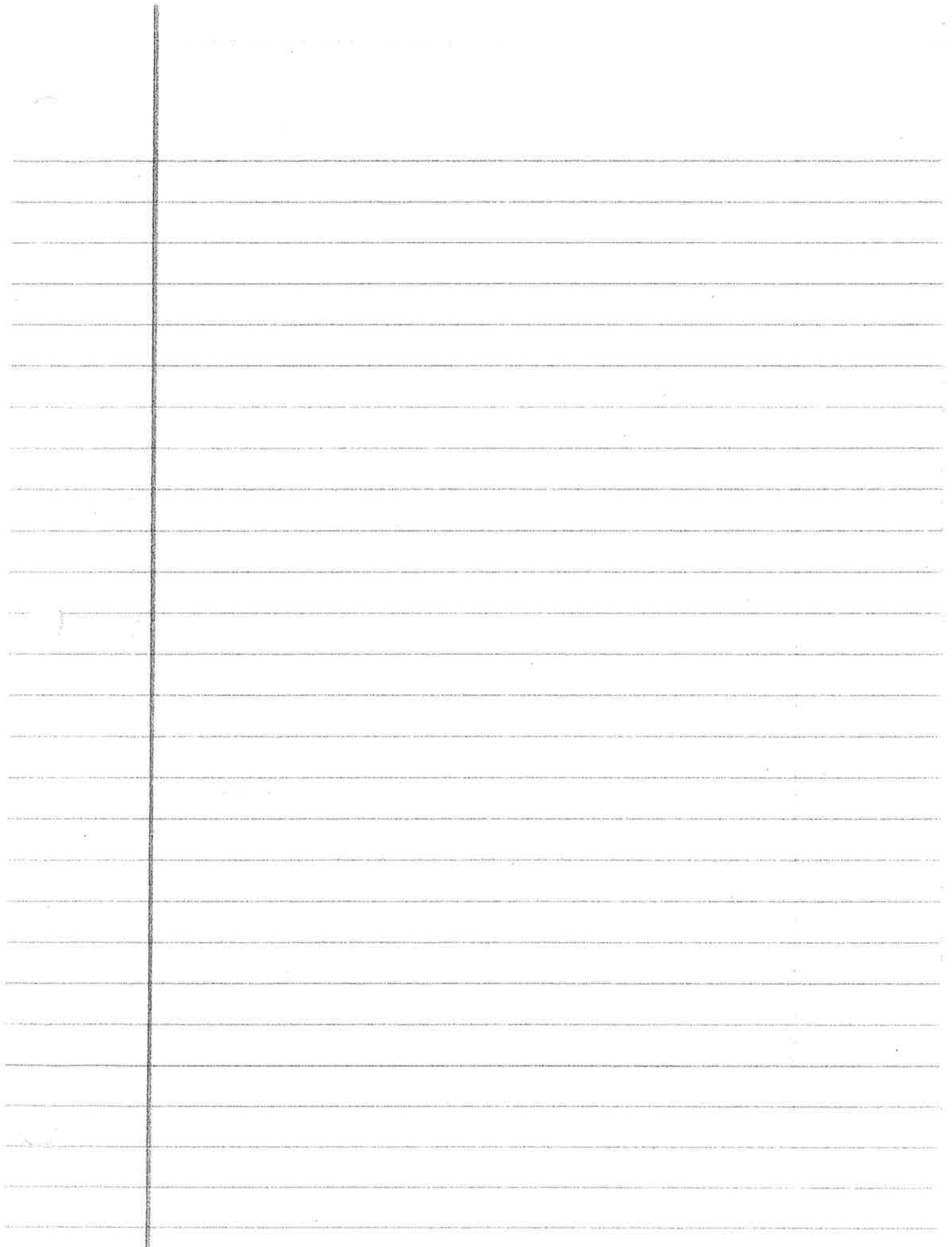
- My writing tells a story with detailed events and has interesting ideas.
- My writing is organized in paragraphs for each main idea.
- My writing uses interesting words and sentences.

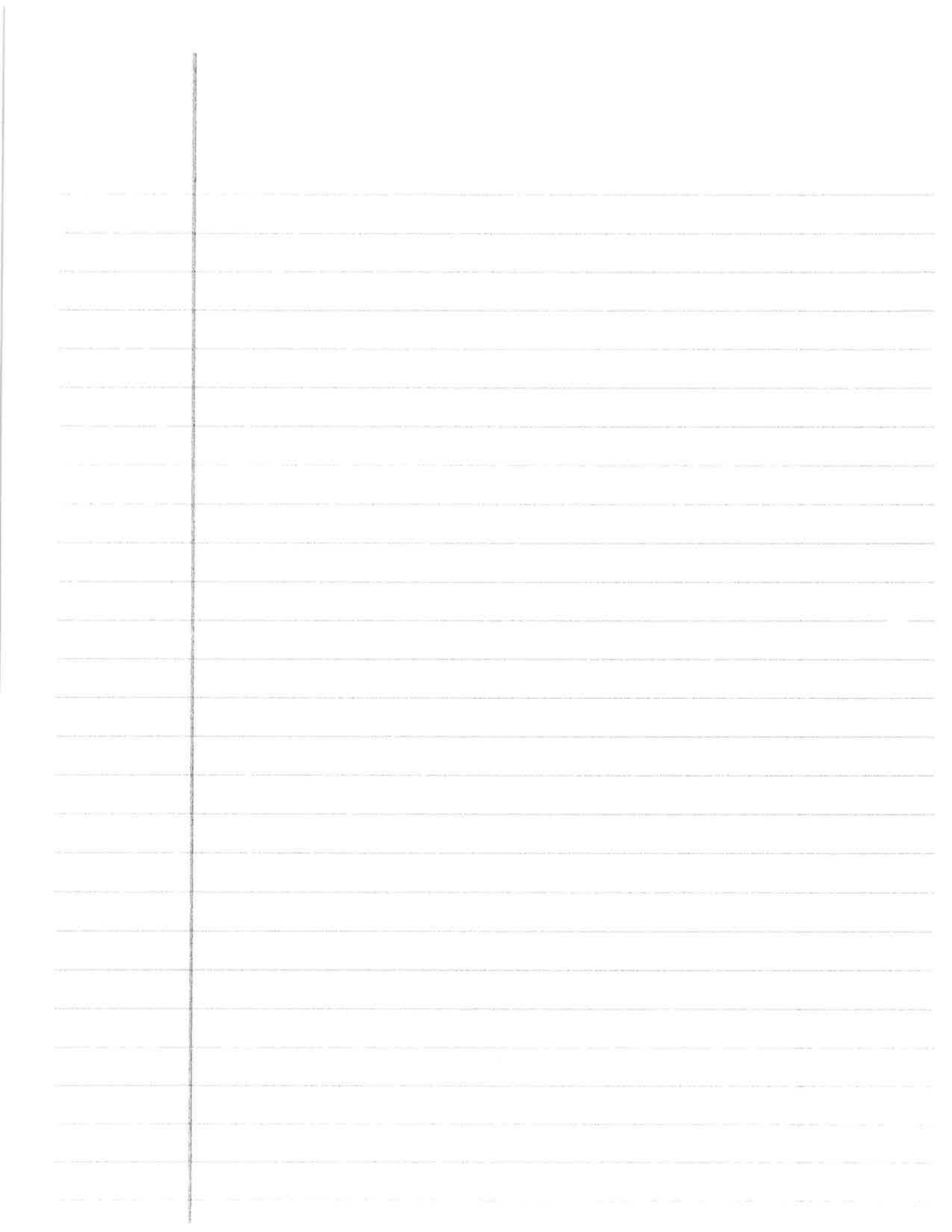
## Poetry:

- My poem has a main idea.
- My writing uses creative poetry devices (eg. simile, alliteration etc.)
- My writing uses interesting words.







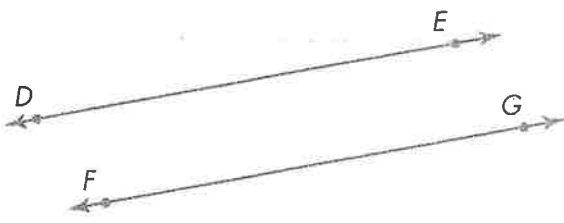


- Airport security guards choose some travelers for an extra safety check. So far, the guards have chosen the 6th, 12th, 18th, and 24th travelers in line. Which traveler will most likely be chosen next for the extra safety check?
  - The 25th traveler in line
  - The 26th traveler in line
  - The 30th traveler in line
  - The 34th traveler in line
- Shannon says, "My apartment number cannot be found using a factor of 3." Select all the possible numbers for Shannon's apartment.
  - 15
  - 27
  - 31
  - 42
  - 73
- Jake said he ate  $\frac{3}{4}$  of his dinner. Which fraction is equivalent to  $\frac{3}{4}$ ?
  - $\frac{2}{6}$
  - $\frac{4}{8}$
  - $\frac{9}{12}$
  - $\frac{10}{12}$
- Which fraction is greater than  $\frac{2}{3}$ ?
  - $\frac{4}{5}$
  - $\frac{4}{6}$
  - $\frac{1}{2}$
  - $\frac{1}{3}$
- Kendra made 111 pastries for a bake sale. How many bags can she make if she puts 3 pastries in each bag? How many pastries are left over?  
\_\_\_\_\_
- Luis has \$20. He buys 4 cans of tennis balls and gets \$8 back as change. How much did one can of tennis balls cost?  
\_\_\_\_\_
- Which is greater  $\frac{2}{3}$  or  $\frac{3}{8}$ ? Explain how to compare using the benchmark fraction,  $\frac{1}{2}$ .  
\_\_\_\_\_  
\_\_\_\_\_
- Write 21,407 in expanded form and using number names.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Round 16,049 to the nearest ten, hundred, and thousand.  
\_\_\_\_\_  
\_\_\_\_\_



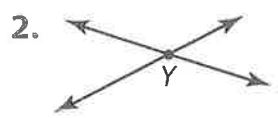
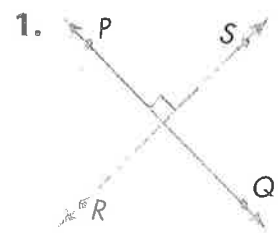
**Set A** pages 821–826

Pairs of lines are given special names: parallel, intersecting, or perpendicular.



$\overleftrightarrow{DE}$  and  $\overleftrightarrow{FG}$  are parallel lines.

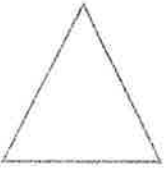
**Remember** to use geometric terms when describing what is shown.



**Reteaching**

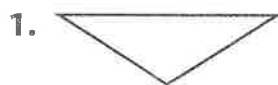
**Set B** pages 827–832

Triangles can be classified by their sides and angles.



Two sides are the same length, and each angle measures less than a right angle. It is an isosceles, acute triangle.

**Remember** to classify each triangle by its sides and then by its angles.



**Set C** pages 833–838

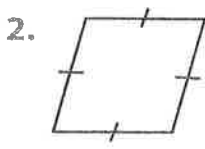
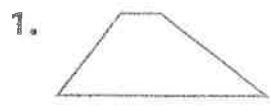
Name the quadrilateral. \_\_\_\_\_



Opposite sides are parallel. There are no right angles. All sides are not the same length. It is a parallelogram.

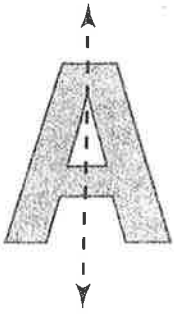
**Remember** that a quadrilateral can be a rectangle, square, trapezoid, parallelogram, or rhombus.

Write all the names possible for each quadrilateral.



**Set D** pages 839–844

How many lines of symmetry does the figure have?



Fold the figure along the dashed line. The two halves are equal and fit one on top of the other. The figure is line symmetric.

It has 1 line of symmetry.

**Remember** that figures can have many lines of symmetry.

Draw and tell how many lines of symmetry for each figure.

1.



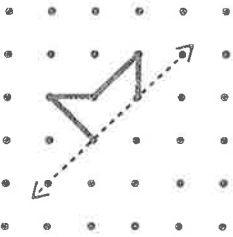
2.



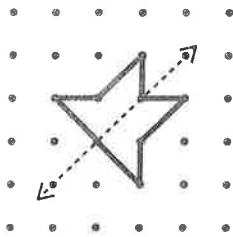
**Set E** pages 845–850

Complete a design with line symmetry.

Draw a line of symmetry for the shape.



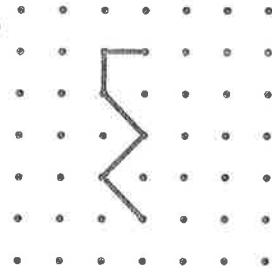
Complete the design on the opposite side of the line of symmetry.



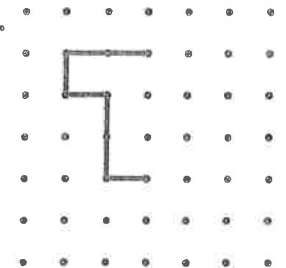
**Remember**, for a figure to be line symmetric, it must have a line of symmetry.

Draw a line of symmetry and complete the designs.

1.



2.



**Set F** pages 851–856

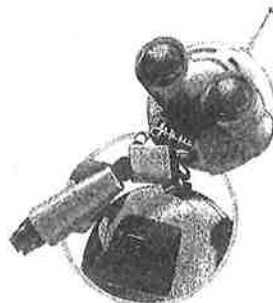
Think about these questions to help you **critique the reasoning** of others.

**Thinking Habits**

*Be a good thinker!*

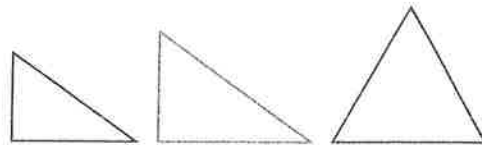
*These questions can help you.*

- What questions can I ask to understand other people's thinking?
- Are there mistakes in other people's thinking?
- Can I improve other people's thinking?



**Remember** that it only takes one example to show the statement is false.

Derek says, "All triangles have 1 right angle."



1. Use the figures above to critique Derek's statement.

2. What kinds of triangles do **NOT** have right angles?

Word List

- acute triangle
- equilateral triangle
- intersecting lines
- isosceles triangle
- line of symmetry
- line symmetric
- obtuse triangle
- parallel lines
- parallelogram
- perpendicular lines
- rectangle
- rhombus
- right triangle
- scalene triangle
- square
- trapezoid

**Understand Vocabulary**

Write T for *true* and F for *false*.

1. \_\_\_\_\_ An acute triangle is a triangle with one acute angle.
2. \_\_\_\_\_ An isosceles triangle has at least two equal sides.
3. \_\_\_\_\_ A figure is line symmetric if it has at least one line of symmetry.
4. \_\_\_\_\_ Perpendicular lines form obtuse angles where they intersect.
5. \_\_\_\_\_ A trapezoid has two pairs of parallel sides.

Write *always*, *sometimes*, or *never*.

6. An equilateral triangle \_\_\_\_\_ has three equal sides.
7. Parallel lines \_\_\_\_\_ intersect.
8. A scalene triangle \_\_\_\_\_ has equal sides.
9. A rectangle is \_\_\_\_\_ a square.
10. A rhombus \_\_\_\_\_ has opposite sides that are parallel.

**Use Vocabulary in Writing**

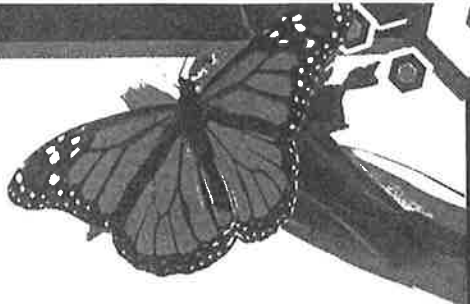
11. Rebecca drew a figure. Describe Rebecca's figure. Use at least 3 terms from the Word List in your description.





## Check Your Comprehension

Circle the letter of the correct answer.

- 
- Which sentence about many animal life cycles is correct?
    - Frogs grow up to be tadpoles.
    - A life cycle starts with an egg.
    - An animal can change the order of steps in its life cycle.
    - A life cycle happens to only one kind of animal.
  - Which animal does not go through a metamorphosis in its life cycle?
    - moth
    - dog
    - frog
    - butterfly
  - Some butterflies migrate each year. Where do they go?
    - Butterflies travel to northern areas where it is cold.
    - Butterflies travel to the sea.
    - Butterflies travel south to Mexico where it is warm.
    - Butterflies search for water puddles.
  - A mammal is an animal that \_\_\_\_\_.
    - has gills
    - has feathers
    - has a chrysalis
    - has hair or fur

Write the answer to each question.

5. How does a tail help a tadpole? \_\_\_\_\_

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6. Why do you think most chicks stay in the nest until they can fly? \_\_\_\_\_

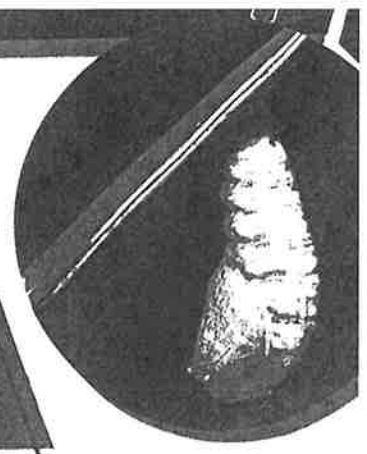
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## Practice Vocabulary

Write the correct answer from the box for each definition.



1. a step in an animal's growth and life cycle \_\_\_\_\_
2. a caterpillar that crawls out of an egg \_\_\_\_\_
3. the cover that a caterpillar makes during metamorphosis \_\_\_\_\_
4. the process in which animals mate, have babies, and continue the life cycle  
\_\_\_\_\_
5. when animals move in a group from one place to another place \_\_\_\_\_
6. a baby frog that has just hatched from an egg \_\_\_\_\_

Write a sentence to answer each question.

7. What turns into a **pupa**? \_\_\_\_\_  
\_\_\_\_\_
8. How do tadpoles use their **gills**? \_\_\_\_\_  
\_\_\_\_\_
9. What is the first step in a toucan's **life cycle**? \_\_\_\_\_  
\_\_\_\_\_
10. What happens during an animal's **metamorphosis**? \_\_\_\_\_  
\_\_\_\_\_
11. How do animals interact with **algae**? \_\_\_\_\_  
\_\_\_\_\_



# Library Activity for NTI Day 18 for Grades 2nd-5th

## LIBRARY MENU

Choose a book to read OR listen/watch a story from Storyline Online ([www.storylineonline.net](http://www.storylineonline.net)).

Choose ONE of the activities below. Mark the activity you chose with an X, and write your answers in complete sentences on the back of this page.

Why did you choose this book to read?	Write a three sentence summary of what you read today. Write the details in order.	If you could ask your main character one question, what would it be?
What character in your story would you like to invite over to your house? Explain why.	If you were the author, what's one thing you would change about the book and why?	If you wrote a sequel to this book, what title would you give it and why?
Describe the setting in your book including time and place.	You are going to give one character in your book an award for one of their character traits. What would the award be and why?	What lesson do you think the author wants you to learn from reading this story?

