

NTI DAY 13



Harrison County Schools

Name: _____

Grade: 4

Teacher: _____

Complete within 2 weeks of returning to school.

Day 13 Checklist (complete ALL items on the checklist)

Reading

- _____ Mini Lesson Dig Deeper - How to Analyze the Text, Compare and Contrast Venn Diagram
- _____ Complete the Venn Diagram about Owen and Mzee (story from day 12)
- _____ Complete Target Vocabulary Crossword Puzzle

Math

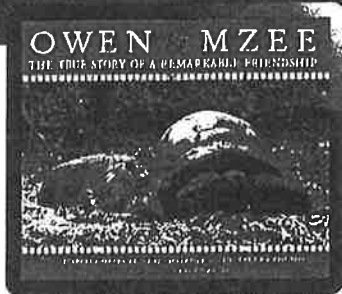
- _____ Complete Daily Common Core Review 8-3
- _____ Review Lesson 16 - 2 (Classifying Triangle)
Video can be found at
https://media.pk12ls.com/curriculum/math/enVisionmath_CC20_K6_2016_EN/ALVs/A0280321/player.html or students can read the lesson of the video on the attached sheet page 822
- _____ Complete reteach page 16-2
- _____ Complete Classify Triangles pages 199 - 200
- _____ Additional online resources:
 - Number Rock: Types of Angles
<https://www.youtube.com/watch?v=NVuMULQjb3o>
 - Number Rock: Triangle Song-Types of Triangles
<https://www.youtube.com/watch?v=JQUTVgT9RXY>

Science

- _____ Complete "Use Text Features: Charts"
- _____ Complete "Reflect and Write" paragraph on provided notebook paper

Life Readiness /Global Competency

- _____ Complete Library activity for grades 2-5



Dig Deeper

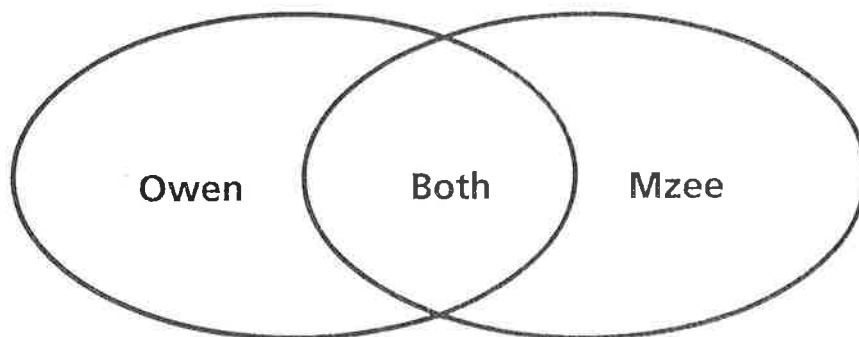
How to Analyze the Text

Use these pages to learn about Comparing and Contrasting, Fact and Opinion, and Author's Word Choice. Then read "Owen and Mzee" again to apply what you learned.

Compare and Contrast

The authors of "Owen and Mzee" thought carefully about how to organize information about two very different animals. Throughout the selection, the authors **compare** and **contrast** the hippo and the tortoise, telling how the two animals are alike and how they are different. The photographs in the selection also show similarities and differences between the two animals.

Look back at page 721. How did Owen and Mzee react differently in their first meeting?



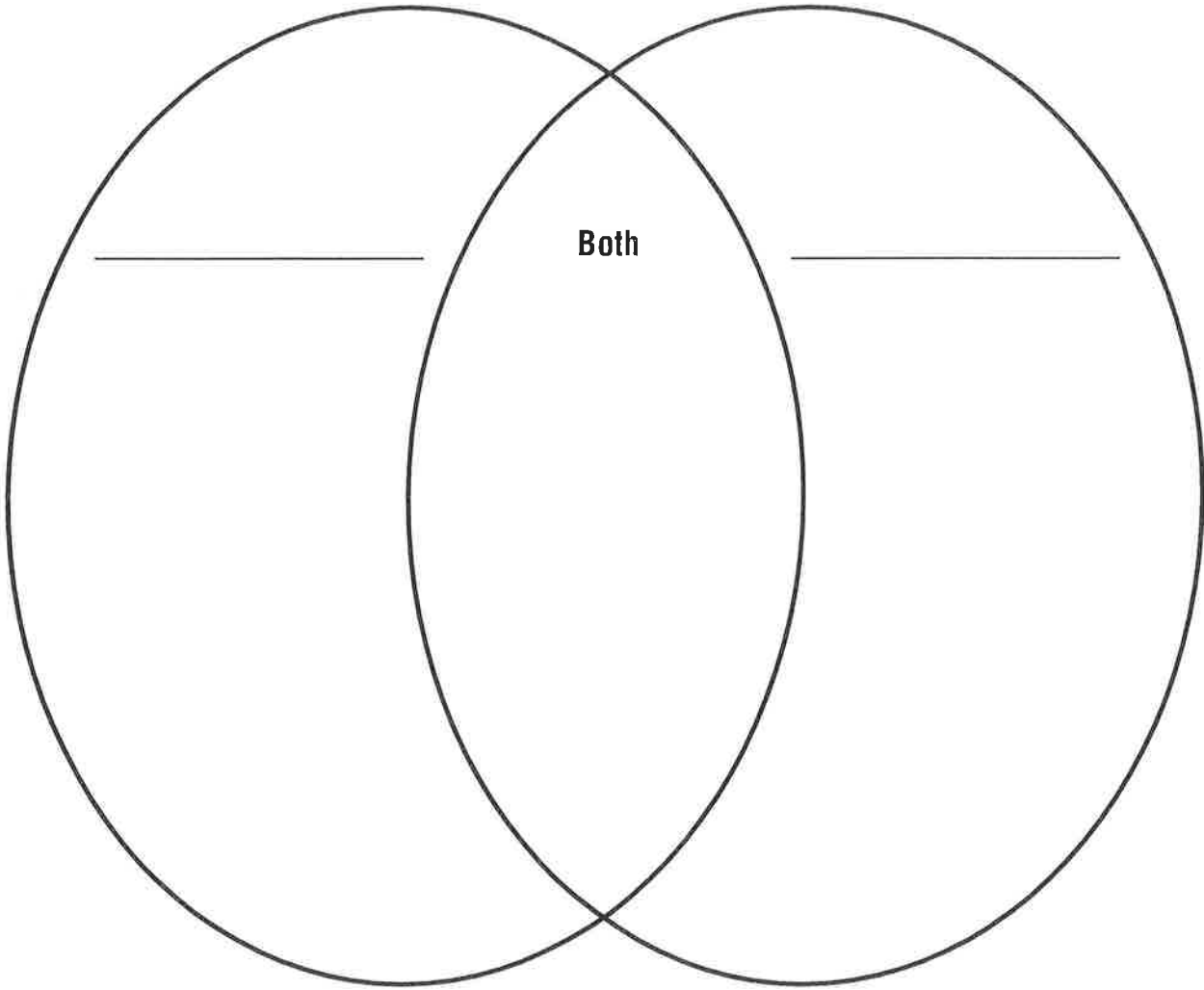
COMMON
CORE

RI.4.5 describe the overall structure of a text or part of a text; RI.4.8 explain how an author uses reasons and evidence to support points;
L.4.3a choose words and phrases for effect

Name _____ Date _____

Venn Diagram: _____

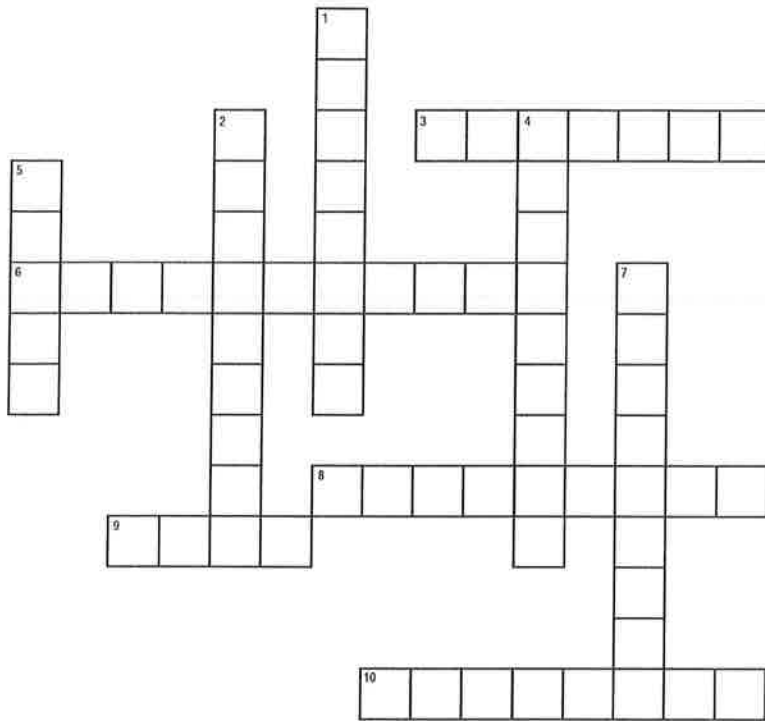
Title or Topic _____



Name _____ Date _____

Target Vocabulary

Complete the Crossword Puzzle using the Target Vocabulary words and clues below.



Dangerous Waves Target Vocabulary

Vocabulary

intruder
chief
charged
companion
bond
inseparable
affection
enclosure
exhausted
suffered

Across

- 3. moved forward quickly
- 6. not able to be taken apart
- 8. an area that is closed off
- 9. close relationship
- 10. someone who goes into a place where he or she does not belong

Down

- 1. felt pain
- 2. someone who goes with someone else
- 4. friendly feeling
- 5. most important
- 7. very tired

1. A farmer has 12 goats. He has 3 times as many goats as horses. How many horses does the farmer have?

(A) 4 horses
(B) 9 horses
(C) 15 horses
(D) 36 horses

2. There are 38 students from the fourth grade and 42 students from the fifth grade in a musical recital. The students will sit in 8 equal rows. How many students will sit in each row?

(A) 8 students
(B) 10 students
(C) 12 students
(D) 80 students

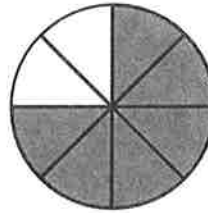
3. Which of the following lists only multiples of 4?

(A) 4, 6, 8, 12, 16
(B) 4, 16, 24, 30, 38
(C) 8, 12, 18, 22, 28
(D) 8, 16, 24, 32, 40

4. Which of the following are **NOT** possible partial products for 28×15 ? Select all that apply.

20
 40
 50
 60
 80

5. Write an equivalent fraction for the model.



6. Briana has 1,438 likes for the picture posted online of her dog dressed up like a super hero. How many more likes does Briana need to reach 2,000 likes?

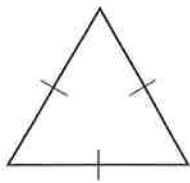
7. A trail in the park is 8,645 feet long. Toby walks the trail 3 times. How many feet does Toby walk?

8. A farmer has 3,924 yellow-apple trees and 3,294 red-apple trees. Use $<$, $>$, or $=$ to write a comparison of the apple trees.

9. Are $\frac{3}{4}$ and $\frac{6}{8}$ equivalent fractions? Draw a number line to decide.

AZ Vocabulary

1. Triangles can be classified by their side lengths.



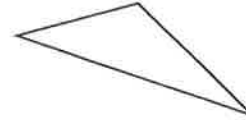
Equilateral triangle

_____ equal sides



Isosceles triangle

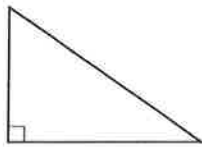
_____ equal sides

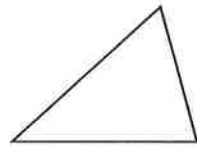


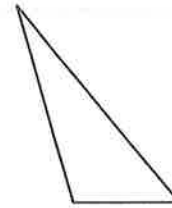
Scalene triangle

_____ equal sides

2. Triangles can be classified by their angle measures.





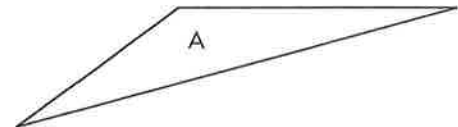


Classify each triangle.

3. Triangle A has no sides of the same length, so it is

a _____ triangle.

It has one angle greater than 90° , so it is an _____ triangle.

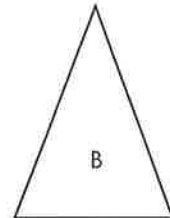


4. Triangle B has two sides of the same length, so it is

an _____ triangle.

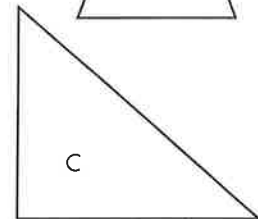
It has three angles that are less than 90° , so it is

an _____ triangle.



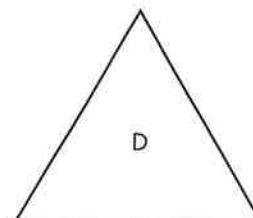
5. Triangle C has no sides the same length, so it is a _____ triangle.

It has one 90° angle, so it is a _____ triangle.



On the Back!

6. Classify Triangle D by its sides and by its angles.



Name _____

Lesson 100

COMMON CORE STANDARD CC.4.G.2

Lesson Objective: Classify triangles by the size of their angles.

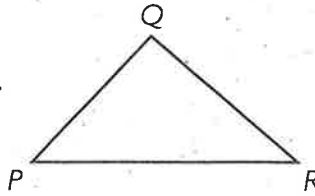
Classify Triangles

A **triangle** is a polygon with 3 sides and 3 angles.

Each pair of sides joins at a vertex.

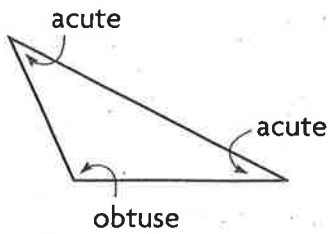
You can name a triangle by its vertices.

$\triangle PQR$ $\triangle QRP$ $\triangle RPQ$
 $\triangle PRQ$ $\triangle QPR$ $\triangle RQP$

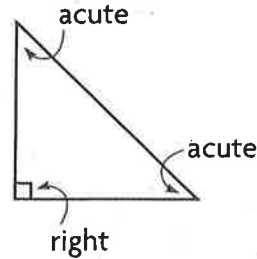


There are 3 types of triangles. All triangles have at least 2 acute angles.

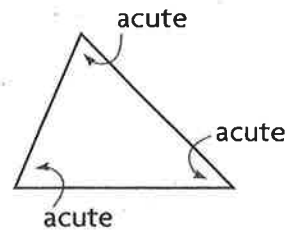
Obtuse triangle
one obtuse angle



Right triangle
one right angle



Acute triangle
three acute angles



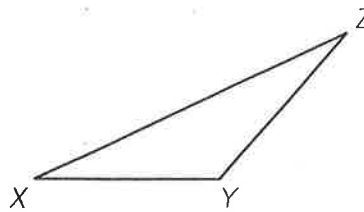
1. Name the triangle. Tell whether each angle is *acute*, *right*, or *obtuse*. A name for the triangle

is _____.

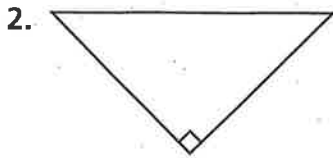
$\angle X$ is _____.

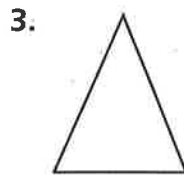
$\angle Y$ is _____.

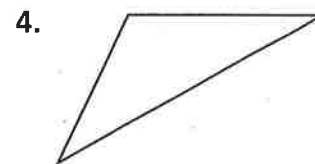
$\angle Z$ is _____.



Classify each triangle. Write *acute*, *right*, or *obtuse*.

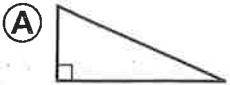
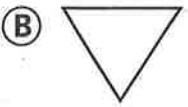

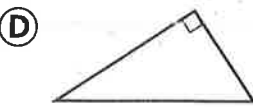






Name _____

1. A sign is in the shape of an acute triangle. Which of the following could be the shape of the sign?

- (A) 
- (B) 
- (C) 
- (D) 

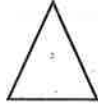

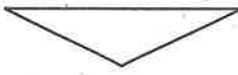
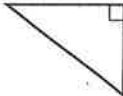
2. How many acute angles does a right triangle have?

- (A) 0
- (B) 1
- (C) 2
- (D) 3

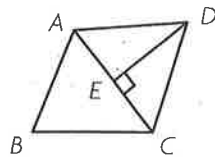
3. How many acute angles does an obtuse triangle have?

- (A) 0
- (B) 1
- (C) 2
- (D) 3

4. Janelle made a flag in the shape of a right triangle. Which of the triangles could be Janelle's flag?

- (A) 
- (B) 
- (C) 
- (D) 

5. Marla says this figure has a right triangle, an acute triangle, and an obtuse triangle. Do you agree? Explain your answer.



Use Text Features: Charts

Charts organize information. The headings tell you what kind of information is in the chart. Study the information about ecosystems given in this chart. Then, answer the questions.

Living and Nonliving Things in an Ecosystem			
Ecosystem	Environment	An Animal in the Ecosystem	The Animal's Habitat
Desert	hot and dry	desert tortoise	underground burrow
Garden	warm and wet	earthworm	soil
Swamp	muddy and damp	red-bellied watersnake	in or near water
Tropical Rain Forest	warm and damp	toucan	tree hollow

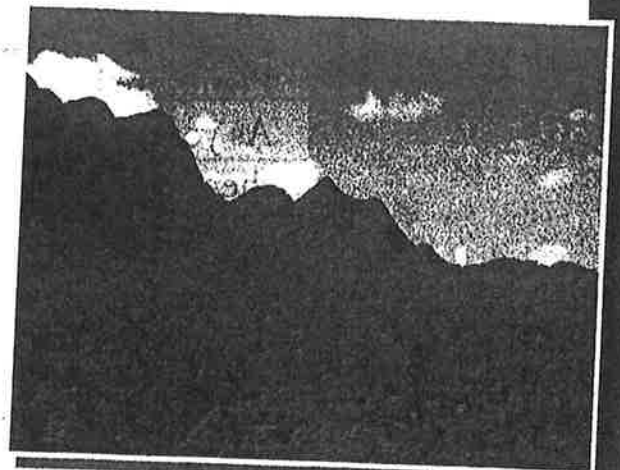
1. Which environments on the chart are warm? _____

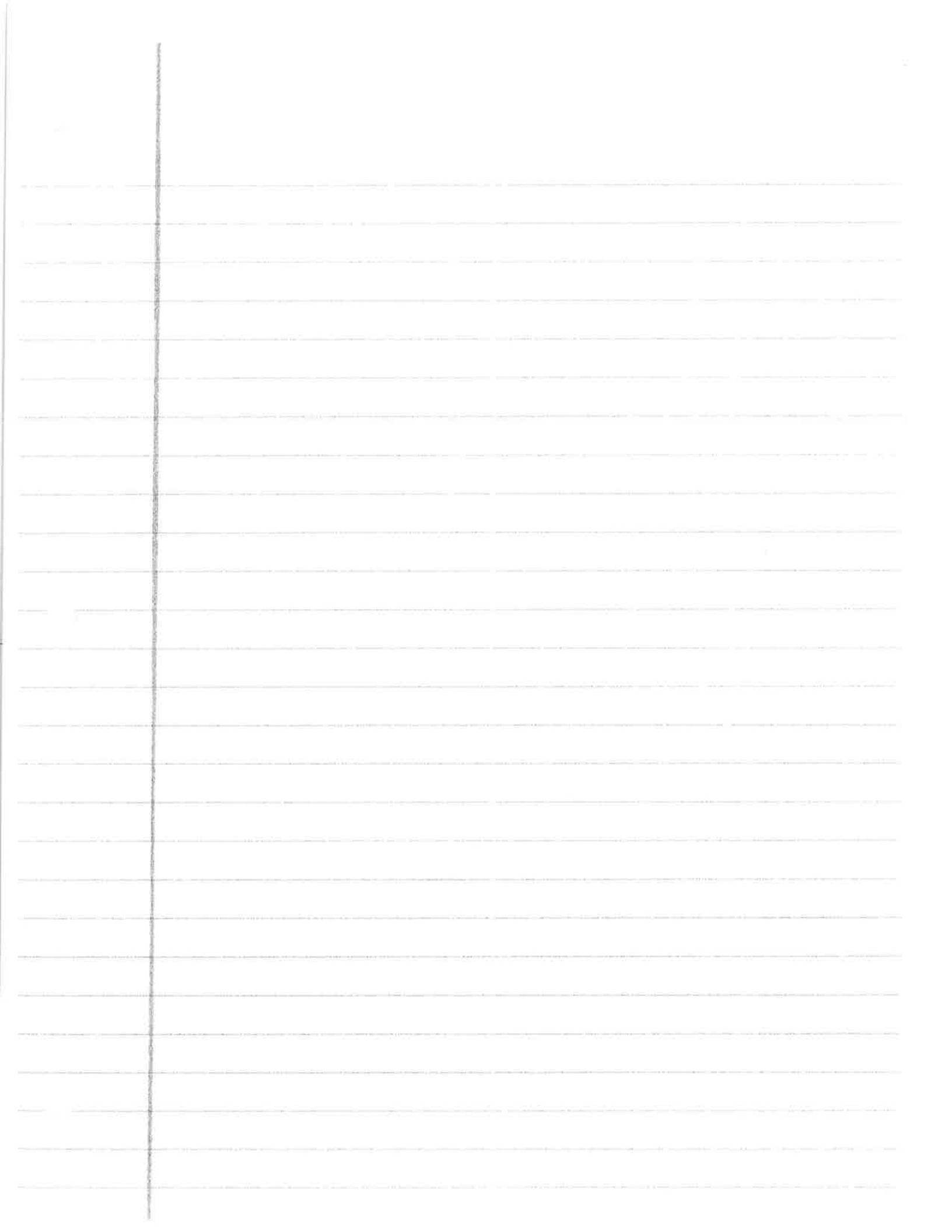
2. In which ecosystem does the red-bellied watersnake live? _____
3. Which animal lives in a tree hollow? _____
4. Which animal from the chart interacts with soil in its habitat? _____

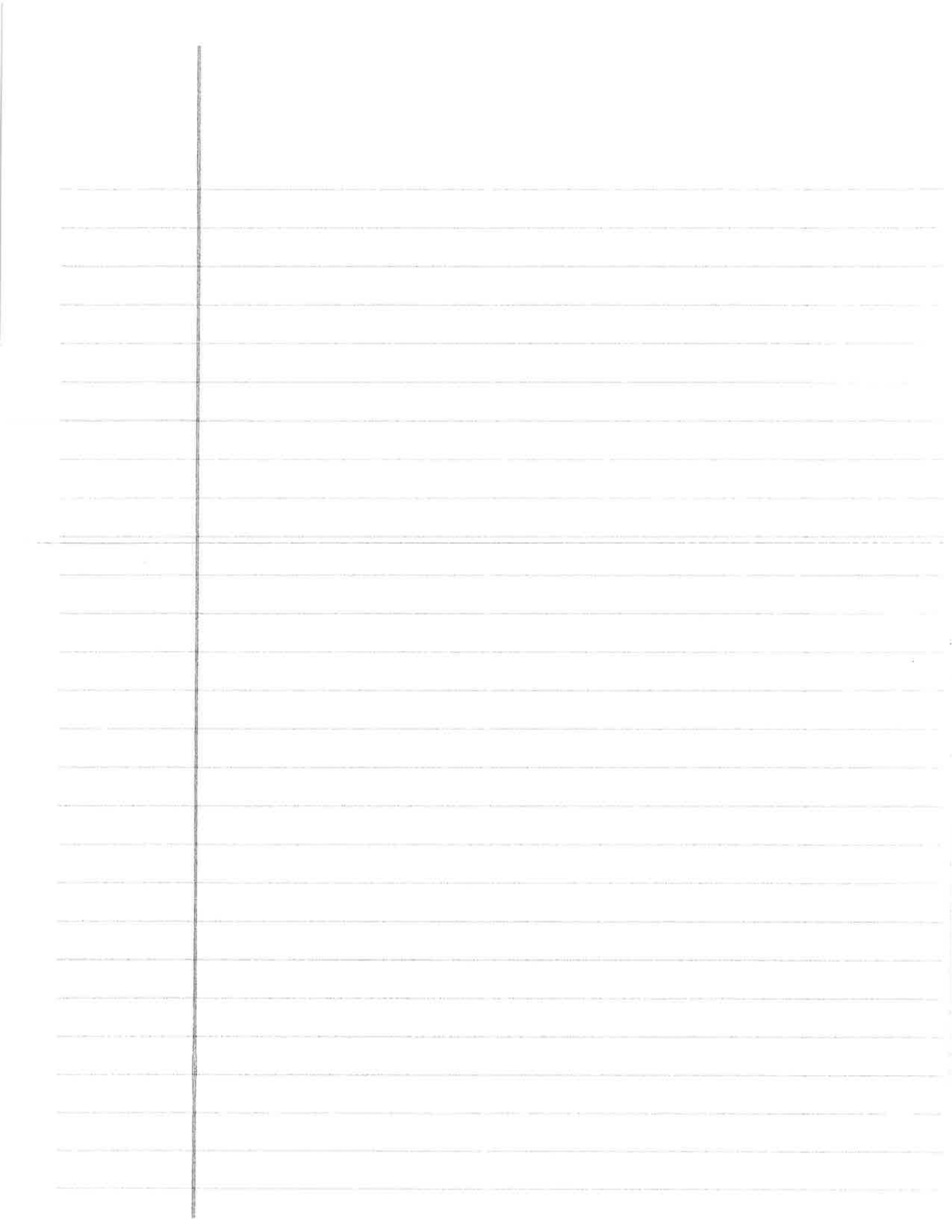


Reflect and Write

Write a paragraph that gives your opinion about whether trees in tropical rain forests should be cut down. Include a main idea sentence and three reasons that support your opinion.







Library Activity for NTI Day 13 for grades 2-5

Directions: Circle and complete one of the activities below. Then, write about your reading.

Read in the car	Read with a flashlight	Read in your pajamas	Read a book and talk about your favorite character	Read a book to a friend
Read a book with someone older than you	Read for 30 minutes	Read outside	Re-read an old favorite book	Have an adult read to you at bedtime
Read in a closet	Read a book with pictures	Read at the public library	Read a book with someone younger than you	Read a book and talk about the setting (the where and when)
Read to a pet or stuffed animal	Read a book by Dr. Seuss	Read a chapter book	Read under a table	Read a book while wearing a hat
Read a nonfiction (true) book	Read in a fort made of blankets	Read at a park	Read a recipe while helping to make food	Read a book and draw a picture of your favorite part

Book Title: _____

Author: _____

Main Characters: _____

Setting: _____

Did you like this book? Why or why not?
