

NTI DAY 3



Harrison County Schools

Name: _____

Grade: 3

Teacher: _____

Complete within 2 weeks of returning to school.

NTI DAY 3

Ⓐ

Option 1: Complete the Reading and Math Packet Attached

OR

Option 2: Technology Component

- log into EXACT PATH
- work for 30 min. in Reading
- work for 30 min. in Math

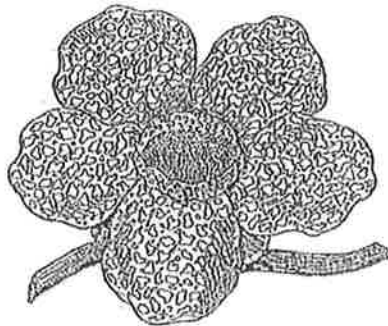
Exact Path is new to our district. Teachers will be able to monitor student activity.

Ⓑ

Complete Global Competency Assignment

READING

This section contains one or two reading selection(s) with several multiple-choice and short-answer questions. Please mark your answer for each multiple-choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.



The Rafflesia: World's Stinkiest Flower

by Lill Pluta

The Rafflesia is the world's largest flower, but you will not find it at your local florist shop. This bloom is too large and too smelly to be included in any bouquet. It grows to be about a yard wide, and it smells like rotting meat. The horrid odor helps this rare plant to survive. The stench draws flies, which in turn pollinate the Rafflesia. This is how the Rafflesia reproduces itself.

Rafflesias do not have stems, roots, or leaves. They do not produce chlorophyll. Rafflesias are parasites that attach themselves to vines. The vines serve as host plants which provide the Rafflesia with all its nutritional requirements.

Today the Rafflesia is in danger of becoming extinct. Loggers damage the flowers when they cut down trees. Tourists who come to observe the Rafflesia and other jungle wonders, carelessly trample the blooms and crush the vines on which they grow. Many people are working together to make sure this extraordinary flower is around for future generations to admire.

PLEASE GO ON TO THE NEXT PAGE →

Stinky Parasite

by Lill Pluta

The Rafflesia is a parasite.
It doesn't sting; it doesn't bite.
Instead it smells like rotten meat
or dirty, grubby, sweaty feet.
It's putrid smell entices flies
into a bloom of giant size
that's wider than a traffic sign
and stuck onto a jungle vine.
The flies aren't on its dinner plate;
Instead, the insects pollinate.
And when they're done, they're free to go
to help more stinky blossoms grow.

READING MULTIPLE CHOICE QUESTIONS

Please mark your answer for each multiple choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.

1. (RI 3.9) According to the article and the poem, the Rafflesia is a type of
 - a. flower
 - b. insect
 - c. leaf
 - d. vine

2. The stench draws flies, which in turn pollinate the Rafflesia. What word could you substitute for stench? (RI 3.4)
 - a. chemical
 - b. attraction
 - c. smell
 - d. flower

3. Tourist are careless when they trample the blooms. What does the suffix -less in this word mean? (L 3.4b)
 - a. do
 - b. likely
 - c. helpful
 - d. without

4. In the story we see the sentence, "Today the Rafflesia is becoming extinct". What does the word "extinct" mean? (RI 3.4)
 - a. in danger of dying out
 - b. turning into a flower
 - c. too stinky
 - d. has bloomed again

PLEASE GO ON TO THE NEXT PAGE →

5. The Rafflesia does not have roots. How does it get nutrients to survive? *(RI 3.1)*
- a. It gets nutrients from the leaves.
 - b. It gets nutrients from the stem.
 - c. It attaches to vines that serve as hosts and the vines provide nutrition.
 - d. Flies bring the food.
6. According to the article, why is this flower NOT used for bouquets? *(RI 3.1)*
- a. too small and smells great
 - b. too large and too smelly
 - c. too large and smells great
 - d. too small and too smelly
7. Which of the following statements is an opinion. *(opinion RI 3.4)*
- a. It's odor helps this plant survive.
 - b. Rafflesia plants are endangered.
 - c. Rafflesias do not have roots or stems.
 - d. The bloom is too large and too smelly to be used in a bouquet.
8. *(RI 3.4)* Rafflesia flower is the size of a
- a. fly
 - b. foot
 - c. dinner plate
 - d. yardstick
9. Why are these flowers becoming extinct? *(RI 3.4)*
- a. people think they are too beautiful and pick them all
 - b. loggers damage the flowers when cutting down trees
 - c. people use them in flower bouquets because of their smell
 - d. because know one wants them around

PLEASE GO ON TO THE NEXT PAGE →

READING MULTIPLE CHOICE QUESTIONS

Please mark your answer for each multiple choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.

10. The author calls T. Rex a slowpoke because T. Rex (RI 3.1)
- a. could not run.
 - b. ate slowly.
 - c. was not a fast runner.
 - d. slowly poked other animals with its horns.
11. Which statement below is an opinion? (RI 3.4)
- a. T. Rex ate dead animals.
 - b. Everyone wants to learn about T. Rex.
 - c. T. Rex was 40 feet long.
 - d. T. Rex could remove 150 pounds of flesh in one bite.
12. The author says T. rex was no "speed demon". This means that T. Rex (L 3.4a)
- a. ran fast.
 - b. was mean.
 - c. did not run fast.
 - d. had large teeth.
13. The author used the title "King of the Slowpokes" because (L3.4a)
- a. the T. Rex was very large.
 - b. the T. Rex, although fierce, was not fast.
 - c. the T. Rex was not a good hunter.
 - d. the T. Rex was hunted by elephants.

PLEASE GO ON TO THE NEXT PAGE →

READING

This section contains one or two reading selection(s) with several multiple-choice, open-response, and short-answer questions. Please mark your answer for each multiple-choice question by filling in the circle completely for the correct answer. Mark only one answer for each question. If you do not know the answer, make your best guess.

King of the Slowpokes?

Do you think you could outrun a *Tyrannosaurus Rex*? Some scientists believe you might have been able to!

Two scientists say that *T.Rex* was not the quick-footed hunter shown in some movies. The scientists used computers to figure out how fast the 13,000-pound dinosaur might have run. The computers showed that *T. Rex* did not have the right body posture or enough leg muscles to run fast.

"These animals were no speed demons," said John Hutchinson, who led the study. Hutchinson said *T. Rex* more likely ran at about 10 miles an hour. That's about the average running speed of a person or an elephant.

Still a Fierce Hunter

Despite *T. Rex*'s lack of speed, Hutchinson said the dinosaur was a fierce hunter. Instead of chasing animals that could run fast, however, *T. Rex* probably hunted large but slow dinosaurs. Other scientists have a different idea. They say that *T.Rex* probably fed on animals that were already dead.

Scientists still say *T.Rex* was the fiercest meat-eating dinosaur on Earth 65 million years ago. The dinosaur, stood about 20 feet tall and was about 40 feet long. It had teeth about 6 inches long. In one bite, a *T. Rex* could remove 150 pounds of flesh from an animal.

Would you still want to race a *T. Rex*?

Excerpt from:

ReadWorks.org

13. What was the author's purpose for writing this piece? (opinion *RI 3.4*)

14. a. to entertain
 b. to persuade
 c. to inform
 d. to predict

15. In the following sentence, what would be a synonym for believe? (*L3.5*)

17. Some scientists believe you might have been able to!

- a. argue
 b. doubt
 c. think
 d. forget

16. This passage refers to scientists. For example it says: "Other scientists have a different idea." What is a scientist? (*L3.4b*)

- a. having nothing to do with science
 b. full of science
 c. relating to or using science
 d. a person who studies science

17. "T. Rex stood about 20 feet tall, was 40 feet long and had teeth 6 inches long." This information does which of the following? (*RI 3.1*)

- a. describes the physical features of the T. Rex
 b. proves that T. Rex was a fierce hunter
 c. shows that T. Rex was a fast creature
 d. all of the above

READING Short-Answer QUESTION

Read all parts of the short answer question before you begin. Write your answer to the short answer question in the space provided in this test booklet.

Write your answer to question 20 in the space provided on the next page.

T. Rex

18.

20. State 3 facts that lead the reader to believe T. Rex was a fierce hunter. (RI 3.9)

Do not write on this page. Please write your answer to this open-response question on your answer sheet.

PLEASE GO ON TO THE NEXT PAGE →

Kentucky Short-Answer Question General Scoring Guide

Score Point 2

You complete all components of the question and communicate ideas clearly.
You demonstrate an understanding of the concepts and/or processes.
You provide a correct answer using an accurate explanation as support.

Score Point 1

You provide a partially correct answer to the question and/or address only a portion of the question.
You demonstrate a partial understanding of the concepts and/or processes.

Score Point 0

Your answer is totally incorrect or irrelevant.

Blank

You did not give any answer at all.



Multiplication Tables - 5 & 10

Grade 3 Multiplication Worksheet

Find the product.

1. $5 \times 2 =$ _____ 2. $5 \times 8 =$ _____ 3. $10 \times 5 =$ _____

4. $10 \times 7 =$ _____ 5. $5 \times 6 =$ _____ 6. $10 \times 4 =$ _____

7. $5 \times 10 =$ _____ 8. $10 \times 2 =$ _____ 9. $10 \times 12 =$ _____

10. $5 \times 4 =$ _____ 11. $10 \times 9 =$ _____ 12. $5 \times 11 =$ _____

13. $10 \times 3 =$ _____ 14. $10 \times 11 =$ _____ 15. $5 \times 12 =$ _____

16. $10 \times 1 =$ _____ 17. $5 \times 1 =$ _____ 18. $5 \times 5 =$ _____

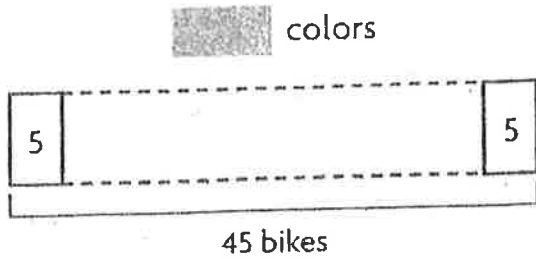
19. $10 \times 6 =$ _____ 20. $10 \times 10 =$ _____ 21. $5 \times 9 =$ _____

22. $5 \times 7 =$ _____ 23. $10 \times 8 =$ _____ 24. $5 \times 3 =$ _____

25. $5 \times 3 =$ _____ 26. $10 \times 3 =$ _____ 27. $5 \times 9 =$ _____

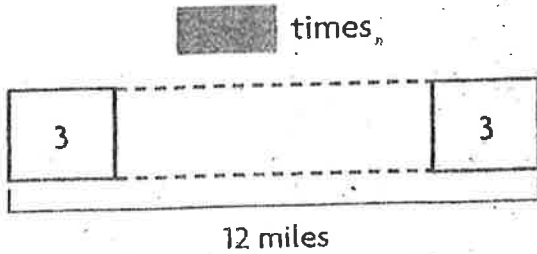
Name _____

1. The Bike Shack displays 45 bikes grouped by color. There are 5 bikes in each group. How many colors of bikes are on display?



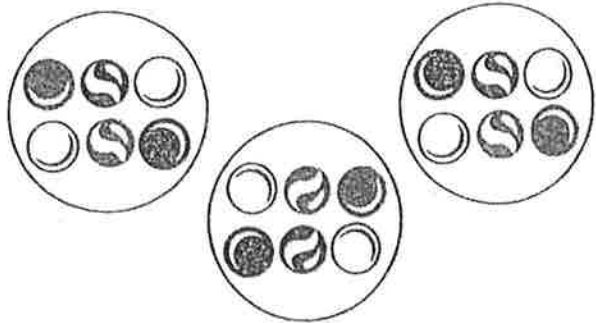
- (A) 5 (C) 8
(B) 7 (D) 9

2. Rico went for a 12 mile bike ride. He stopped every 3 miles to take pictures. How many times did Rico stop during his bike ride?



- (A) 3 (C) 9
(B) 4 (D) 15

3. Amber divided her marbles evenly among 3 friends.



Which division equation is represented by the picture?

- (A) $3 \div 3 = 1$
(B) $18 \div 3 = 6$
(C) $18 \div 2 = 9$
(D) $21 \div 3 = 7$

Problem Solving



4. Jalyn collected 24 stones. She put them in 4 equal piles. How many stones are in each pile?

5. Tanner has 30 stickers. He puts 6 stickers on each page. On how many pages does he put stickers?

Name _____

Lesson 5

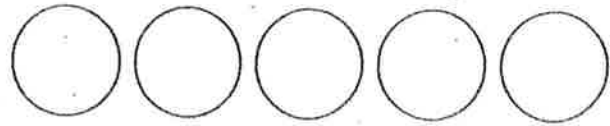
COMMON CORE STANDARD CC.3.OA.2

Lesson Objective: Model division by using equal groups and bar models.

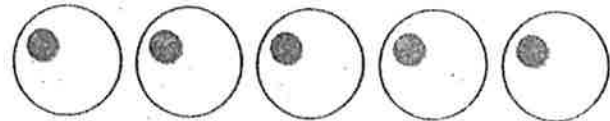
Model with Bar Models

Use counters to find $15 \div 5$.

Step 1 Use 15 counters. Draw 5 circles to show the number of equal groups.



Step 2 Place 1 counter at a time in each circle.



Step 3 Continue until you have placed all 15 counters.

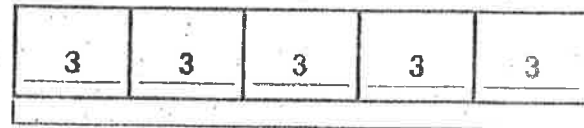


Step 4 Count the number of counters in each circle.

There are 3 counters in each of the 5 groups.

You can use a bar model to show how the parts of a problem are related.

- There are 15 counters.
- There are 5 equal groups.
- There are 3 counters in each group.



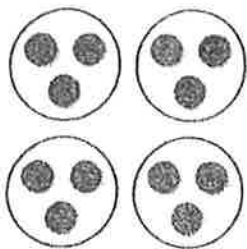
15 counters

Write a division equation for the model.

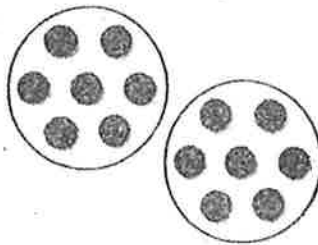
$$15 \div 5 = 3$$

Write a division equation for the picture.

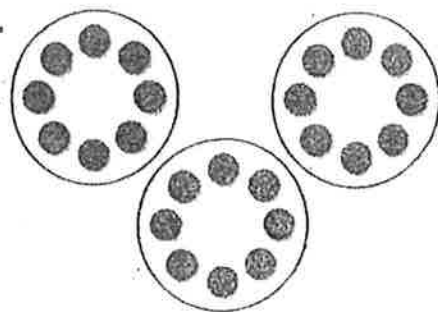
1.



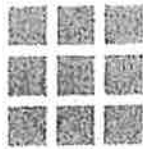
2.



3.



1. Carson drew this array to show the number of pictures on one page of her photo album.



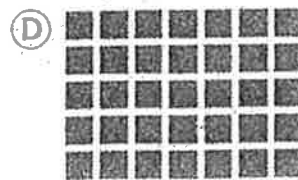
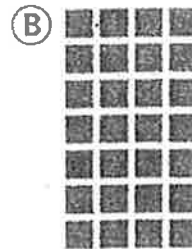
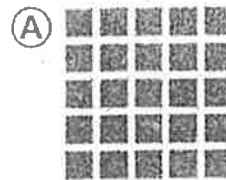
Which multiplication sentence does this array show?

- (A) $2 \times 3 = 6$ (C) $3 \times 3 = 9$
 (B) $4 \times 4 = 16$ (D) $3 \times 2 = 6$

2. Paco drew an array with 3 rows. Each row has 7 squares. Which multiplication sentence describes the array?

- (A) $2 \times 8 = 16$ (C) $3 \times 7 = 21$
 (B) $2 \times 9 = 18$ (D) $3 \times 8 = 24$

3. Rita arranged counters in 5 rows with 7 counters in each row. Which array shows how many counters she arranged in all?



Problem Solving 

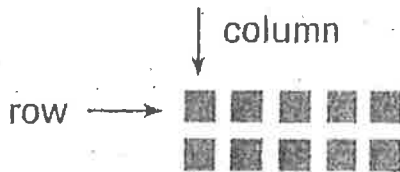
4. Lenny is moving tables in the school cafeteria. He places all the tables in a 7×4 array. How many tables are in the cafeteria?
- _____

5. Ms. DiMeo directs the school choir. She has the singers stand in 3 rows. There are 8 singers in each row. How many singers are there in all?
- _____

Model with Arrays

An **array** is a set of objects arranged in rows and columns.

Write a multiplication sentence for each array.



This array has **2** rows and **5** columns.

Count by fives.

2 rows of 5 are 10.

The multiplication sentence is

$2 \times 5 = 10.$



This array has **5** rows and **2** columns.

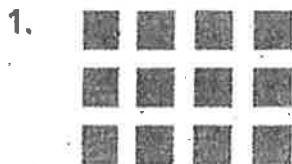
Count by twos.

5 rows of 2 are 10.

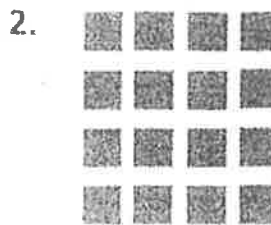
The multiplication sentence is

$5 \times 2 = 10.$

Write a multiplication sentence for the array.



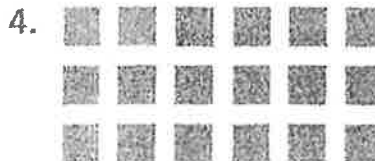
___ \times ___ = ___



___ \times ___ = ___



___ \times ___ = ___



___ \times ___ = ___

Name _____

Just the Facts

3.OA.9

To see the solution to a division problem, you can draw pictures, use bar diagrams, or create arrays. Another way to solve a division problem is to use a multiplication table.

1. Uh-oh! Jarid spilled juice on his multiplication table. Help Jarid complete the multiplication table below.

\times	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5		7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32		
5	5		15	20	25	30	35	40		
6	6	12	18	24		36				
7	7	14	21	28	35	42				
8	8	16	24	32	40	48				
9	9	18	27		45	54			81	90
10	10	20	30	40	50	60			90	100

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2. Explain how you can use a multiplication table to solve division problems.

3. Complete the statements:

$32 \div 8 =$ _____ because $4 \times 8 =$ _____.

$24 \div 3 =$ _____ because _____ = 24.

$45 \div 9 =$ _____ because _____.

$63 \div 9 =$ _____ because _____.

Picture a Story

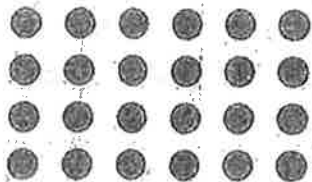
Multiplication stories involve equal groups. Think about the number of groups and number in each group.

Write a multiplication story for each picture. Then write a multiplication equation and find the product.

1.



2.



3.



Global Competency NTI Lesson

Third grade students will complete the following assignment:

- My Spanish Word Book

Complete the book by coloring the rainbow words. Also, draw and color pictures for the Spanish words. Match the number words with the digits.

Color the rainbow!

red

orange

yellow

green

blue

purple

rojo

naranja

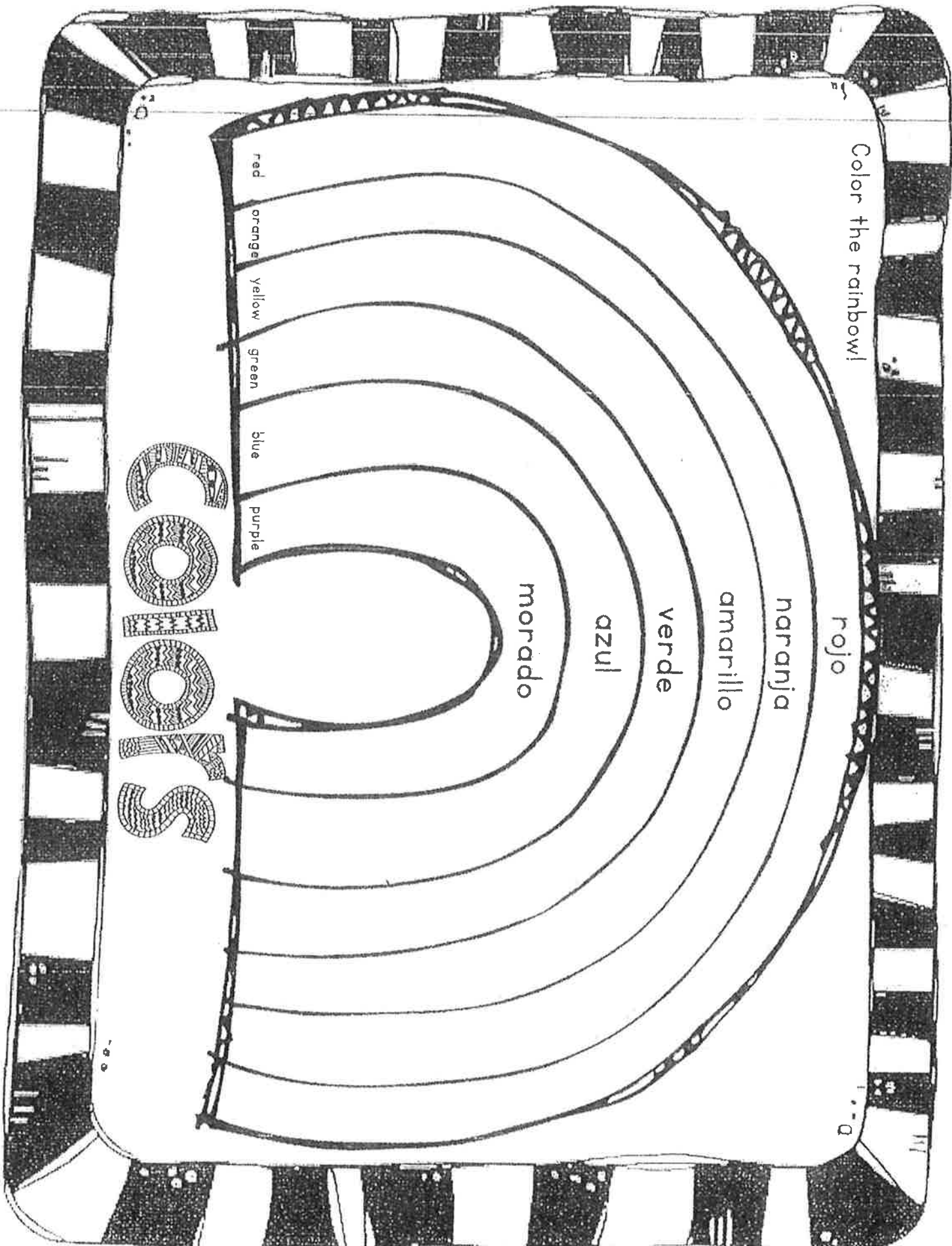
amarillo

verde

azul

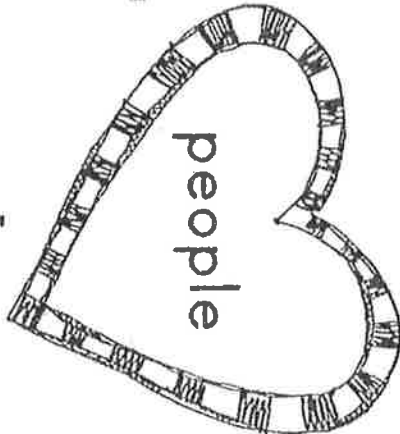
morado

COLORS



Abuela
(grandmother)

Mama
(mom)



Abuelo
(grandfather)

Papa
(dad)

Amigo
(friend)

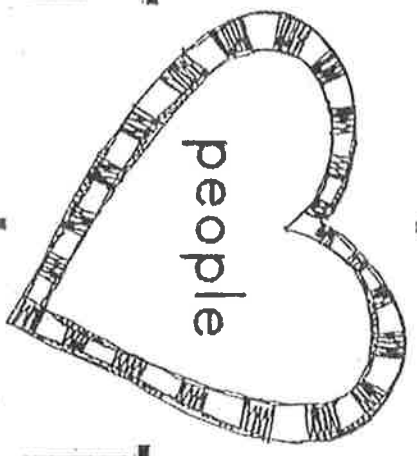
Maestro
(teacher)

Hermana

Hermano

(sister)

(brother)

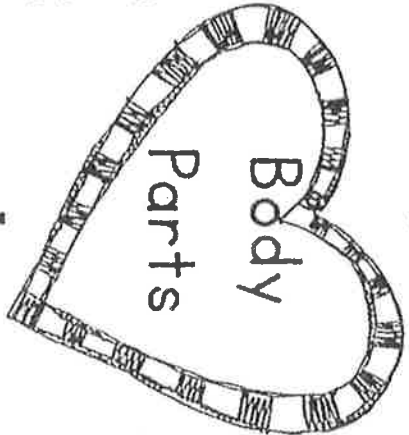


Cabeza

(head)

Orejas

(ears)



Ojos

(eyes)

Boca

(mouth)

Buenos Dias

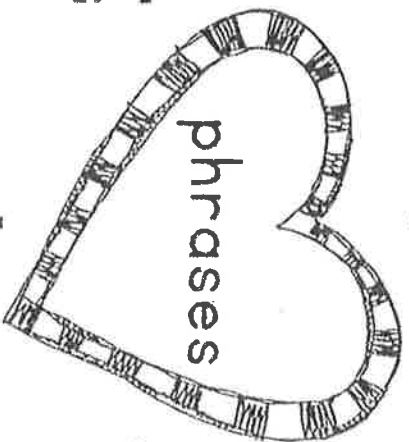
(good morning)

Buenos Noches

(good night)

Feliz Cumpleanos

(happy birthday)



Vamos

(let's go)

Draw a line from the Spanish word to the number that matches it.

uno

2

cinco

4

dos

1

cuatro

3

tres

5

NUMBERS