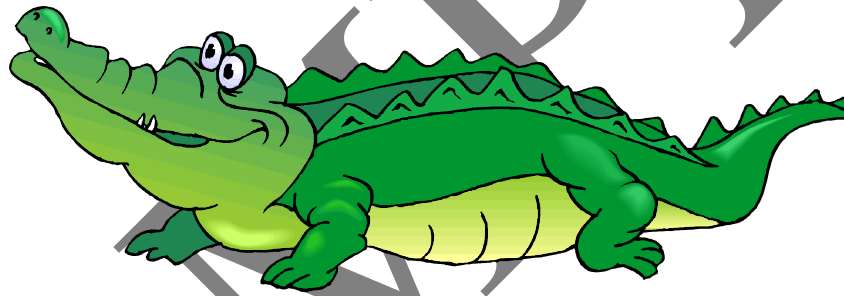


Choosing Our Zoo Adventure



MATHEMATICS

GRADE 1

Item # 1.1.01

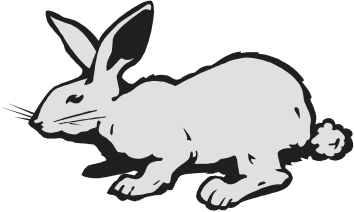
STUDENT BOOKLET

Choosing Our Zoo Adventure

CHOOSING OUR ZOO ADVENTURE

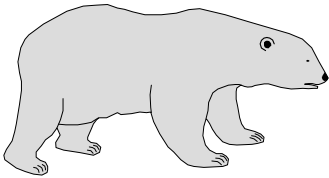
ACTIVITY 1

1. Children's Zoo



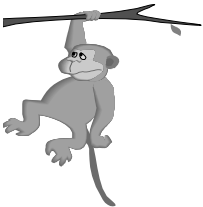
Turtles, Ducks, Otters, Beavers, Chickens, Goats, Sheep, Rabbits, Donkeys.

2. Bear's Den



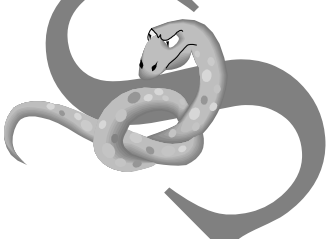
Pandas, Brown Bears, Polar Bears, Sun Bears, Grizzly Bears.

3. Monkey Area



Monkeys, Baboons, Capuchins, Marmosets.

4. Reptile House



Various Types of Snakes, Lizards, Crocodiles, Alligators, and Larger Turtles.

5. African Area



Lions, Tigers, Leopards, Hyenas, Elephants, Hippos, Ostriches, Camels, Giraffes, Flamingos, Rhinos.

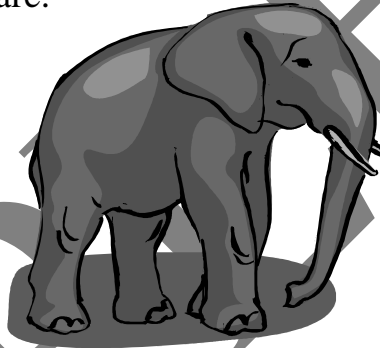
Name _____

CHOOSING OUR ZOO ADVENTURE

ACTIVITY 1

A. We have been studying a unit on Zoo Animals. We are planning our great zoo adventure. The zoo has five main areas to see. These area's are:

1. The Children's Zoo
2. The Bear's Den
3. The Monkey Area
4. The Reptile Area
5. The African Area



1. The zoo is a very big place. For your safety class needs to stay together while you are at the zoo. Look at the zoo chart. Write where you would like to visit first and tell why.

2. Guess which part of the zoo your class will choose to visit first.

My guess is: _____

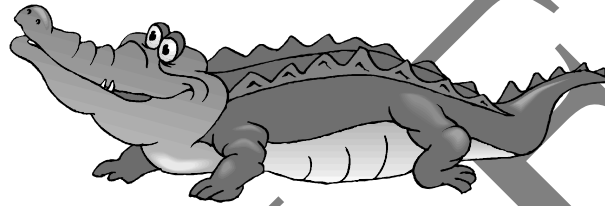
3. Think about what you might see in the area you have chosen. Write one thing you might see there.

I might see _____

Name _____

ACTIVITY 1

CHOOSING OUR ZOO ADVENTURE



B. Now our class has to decide as a group which area of the zoo you will visit first. You decide you will go to the area that the most students in your class like to go first. Your teacher will help you class make a survey to find out which part of the zoo everyone likes the best. Copy the class tally marks in the chart below.

Zoo Area	Tallies	Number of Tallies
The Children's Zoo		
The Bear's Den		
The Monkey Area		
The Reptile Area		
The African Area		

SAMPLE

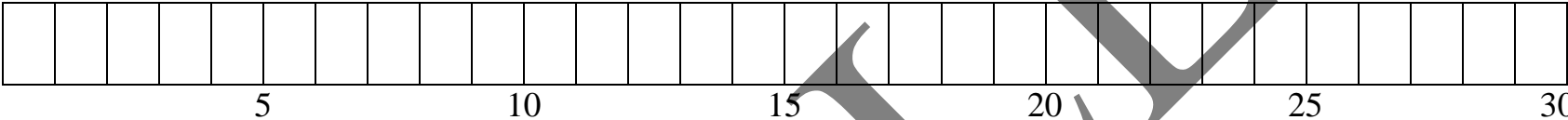
THE ZOO

Our Favorite Areas

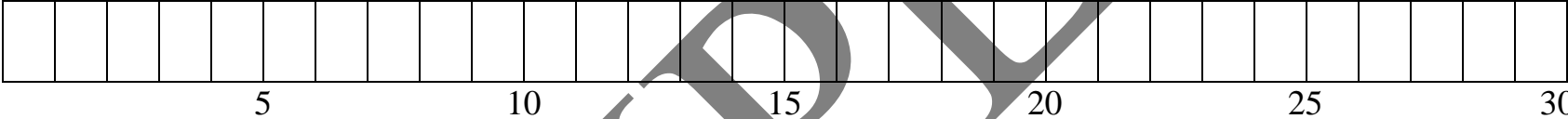
ACTIVITY 2

Name _____

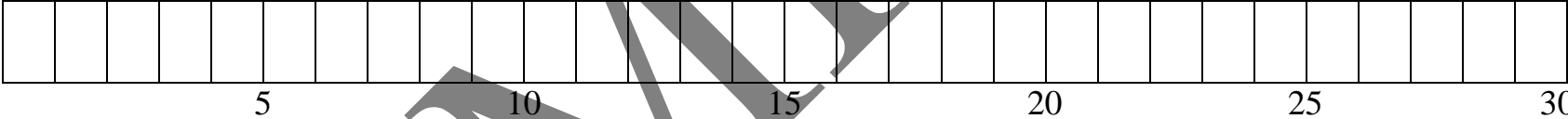
Children's Zoo



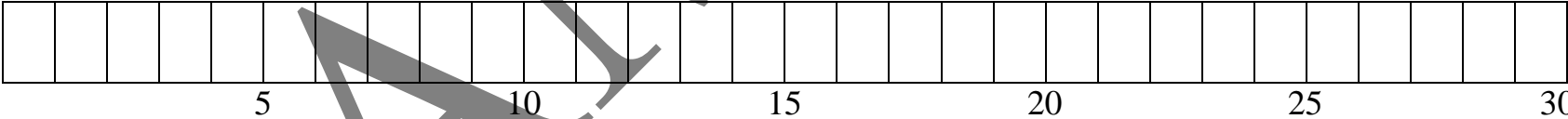
Bear's Den



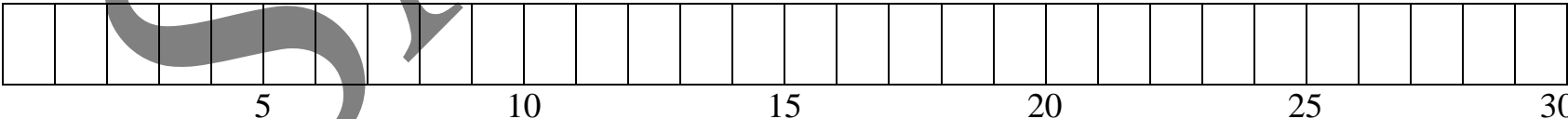
Monkey Area



Reptile House



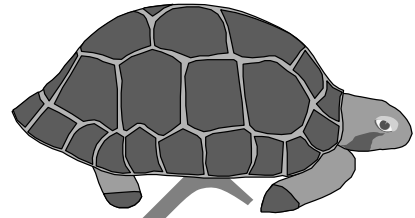
African Area



Use this information to answer the following questions.

Name _____

ACTIVITY 2



1. What part of the zoo did your class choose to go first?

2. Is that what you guessed? Circle your answer. YES NO

3. What part of the zoo did your class choose least?

4. How did you get these answers? Write a sentence or two to explain.

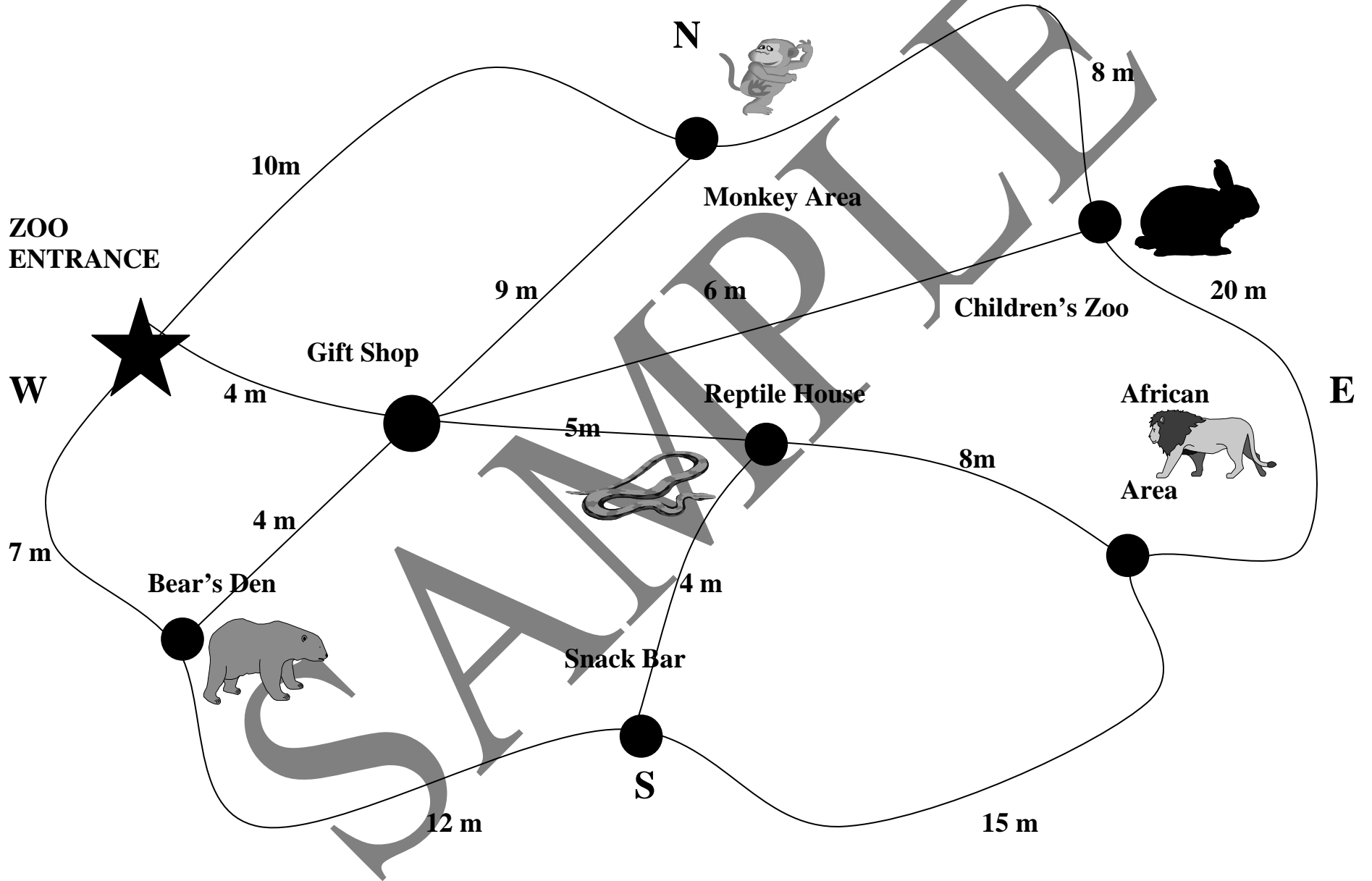
5. What area of the zoo will your class visit first?

6. How many more students wanted to go to this area than to the least favorite area?

7. Write a number sentence to show how you got this answer.

ACTIVITY 3

ZOO MAP



CHOOSING OUR ZOO ADVENTURE



ACTIVITY 3

- A. Now that our class has decided where to visit first, your teacher has a map for you to use. It shows all the areas you are going to visit and how far you have to walk.

Group Leader _____

Group Recorder _____

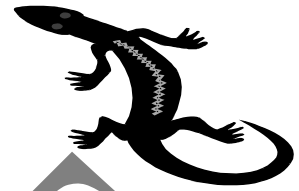
Group Reporters _____

1. a. Is there more than 1 way to go from the entrance to the class's first choice area?
YES NO
- b. Trace over the different paths to get to this 1st choice. Use a different color crayon to show each path.
- c. How many ways did your group find? _____
2. a. From the entrance what is the color of the longest path your group found to this 1st choice? _____
- b. Write how long this path is _____ m
- c. Write a number sentence to show how you got this answer.

3. a. From the entrance what is the color of the shortest path your group found? _____
- b. Write how long this path is. _____ m
- c. What is the difference between these 2 paths? Use a calculator to solve. _____ m
- d. Let's pretend the longest path is 38 m and the shortest path is 17m. What is the difference between the two paths? _____ m

ACTIVITY 3

CHOOSING OUR ZOO ADVENTURE



- B. 1. We want to use our time wisely. Now that we have visited our first choice, where would we go next? Why? Write your answer.

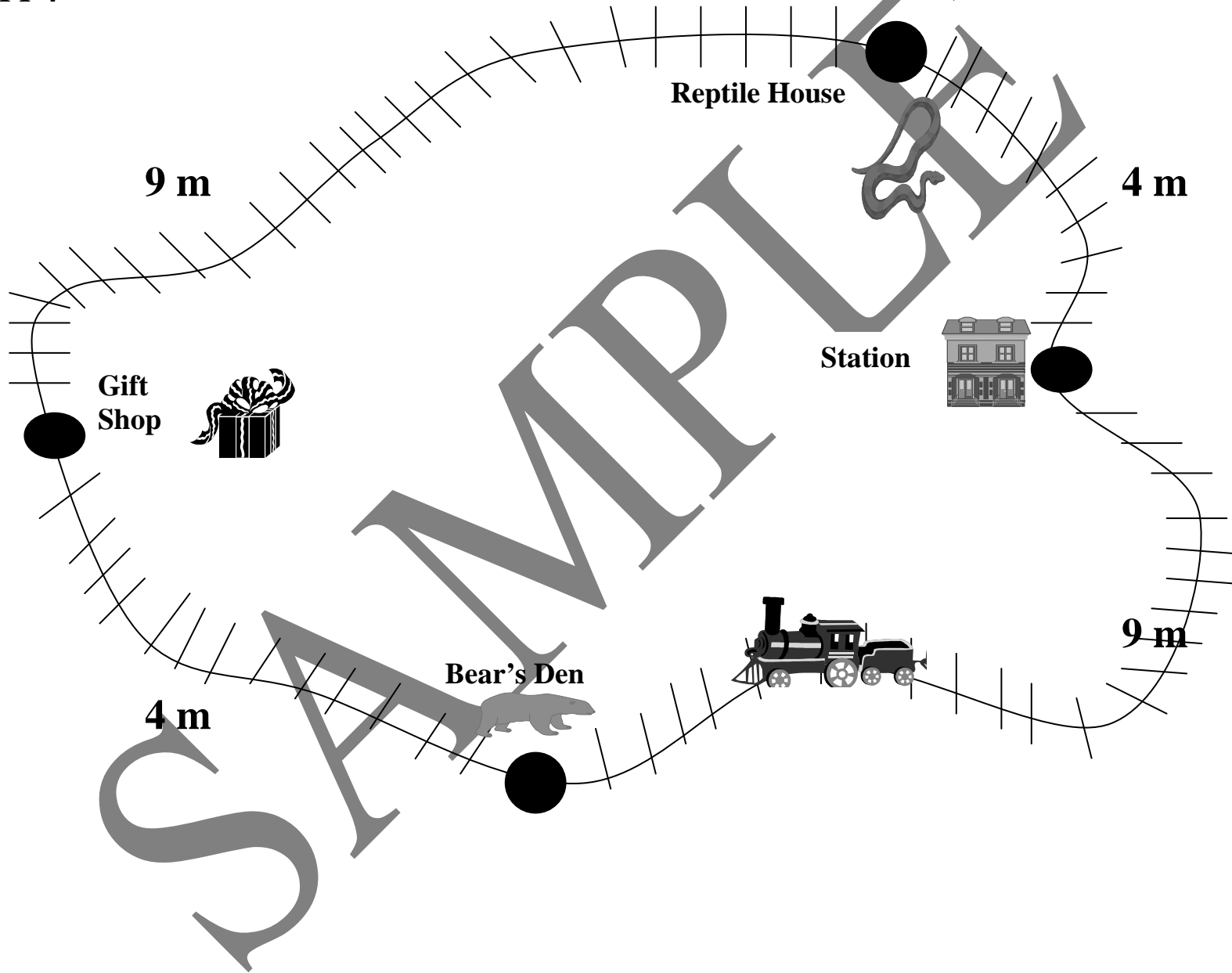
2. Time is running out. We want to use the shortest paths. If you are at the Monkey Area, would it be closer to go to the Reptile House or the Bear's Den? Why? Explain your answer.

3. How far would you walk, if you walked all the way around the perimeter of the Zoo?

4. A long tree has fallen across the path between the Monkey Area and the Children's Zoo. What route would you take to the Children's Zoo? How much longer is your detour route?

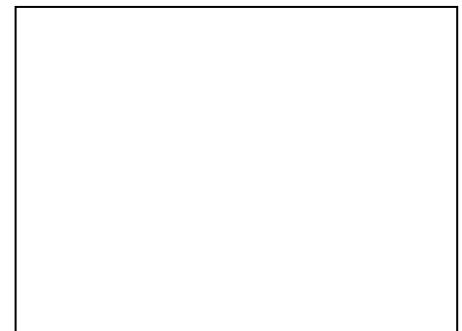
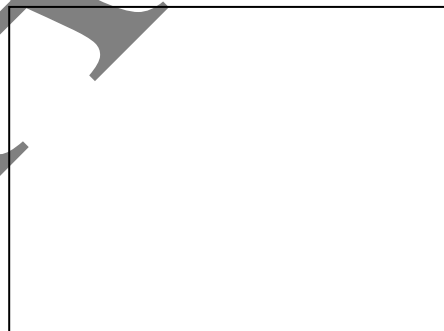
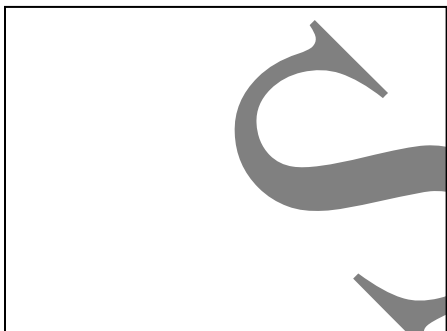
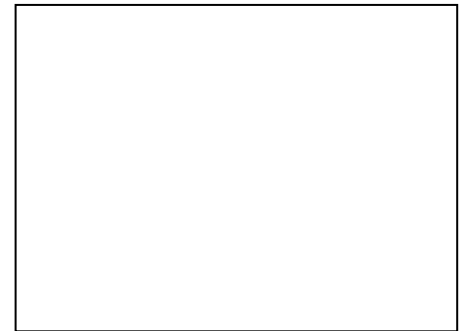
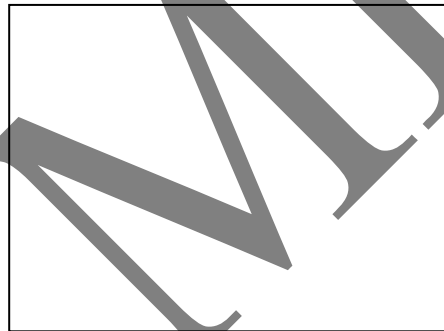
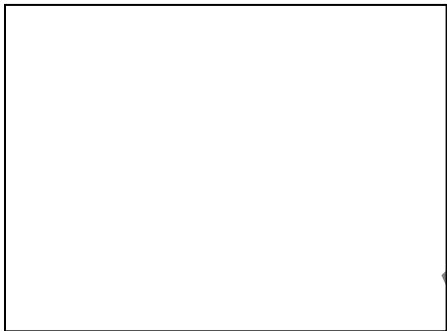
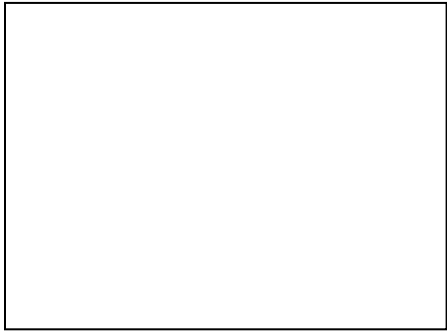
CHILDREN'S ZOO

ACTIVITY 4



WORKMAT

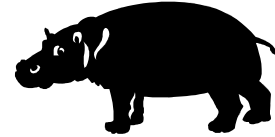
ACTIVITY 4



SAMPLE

CHOOSING OUR ZOO ADVENTURE

ACTIVITY 4



A. While our class is at the Children’s Zoo, the teacher says we can ride the Children’s Train. 27 students go to the zoo on the day of the trip

1. If each train car holds 5 children how many cars would your class need to ride together?

2. On the back of this page draw a picture to show your answer.

3. Write a sentence to tell how you got you answer.

B. Look at the picture of the train track at the Children’s Zoo. Use the calculator to figure out the total distance the train travels for 1 trip.

Your answer is: _____

C. It takes 10 minutes for the train to go around the Children’s Zoo one time. How long will it take the train to go around if you decide you want to ride it two times? Write you answer using a number sentence.

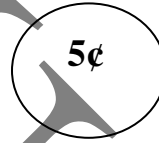
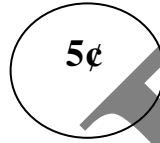
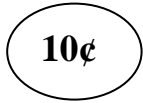
D. 1. Your teacher says it is getting late and you only have 15 minutes left before you have to go. How many times could you ride the train before you have to leave? _____

2. Write a sentence to tell why.

ACTIVITY 5



Before you leave the zoo, the teacher says you may visit the gift shop. Your mom gave you 4 dimes, and 2 nickels to spend.



Here is a price list of some of the things you might want to buy:

Animal Pencil	15¢
Zoo Postcard	5¢
Balloon	10¢
Coloring Book	25¢
Pennant	50¢
Zoo Stickers	25¢
Stuffed Animal	\$2.00

A. Which item costs the most? _____

B. Which item costs the least? _____

C. If you want to buy 2 items that cost exactly 50 cents what would you buy?

D. Pretend you want to buy a pencil, a postcard and a balloon.

1. How much would that cost? _____

2. Do you have enough money to buy all three items? YES NO

How did you get your answer? _____