



SUMMING UP THE AFRICAN JOURNEY

Math problems based on observation of animals



GRADES 4-6

KEY WORDS

- veldt
- adaptations

STANDARDS

- SCI.4.3.2
- SCI.4.3.3

OBJECTIVES

- Students will be able to identify animal adaptations.

BACKGROUND INFORMATION

- All animals have developed adaptations that help them find food and hide from predators.

PROCEDURE

- Instruct students to pay special attention to the African Journey section of the zoo.
- Have students identify adaptations described on their worksheet.
- Have students complete the worksheet.

RECOMMENDED ASSESSMENT

- Check worksheets for correctness

TEACHER HINTS

- Make sure to note how many animals are on exhibit in order to check that the students had the correct answers.





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Fill in each line in the sentences with the total number of each animal

Name _____



OSTRICH FOOT



STORK FOOT

1. An average ZEBRA may have as many as 50 stripes.

_____ zebras were spotted in the African Journey today.

_____ total stripes

If the average herd of zebras in Africa has 1,000 animals, how many stripes would be found in a herd?

_____ herd stripes

2. The drawing of an OSTRICH foot shows _____ toes.

_____ ostriches were out on the savannah today.

_____ ostrich toes

3. Marabou, white, and black STORKS, on the other hand,

have _____ toes. Therefore, _____ storks equals ...

_____ stork toes

4. GIRAFFES have long, flexible tongues to grab leaves off the thorny acacia trees in Africa. If the average giraffe is able to eat 25 leaves off an acacia tree in one hour, how many acacia leaves would be eaten by the giraffes in the African Journey today in one hour? (Hint: How many giraffes are in the African Journey?)

_____ acacia leaves

5. The WILDEBEEEST eat grass and hay all day. If each wildebeest eats 20 pounds of grass and hay every day, how many pounds of grass and hay will be eaten by the wildebeest in the African Journey today?

_____ pounds

6. The CROWNED CRANES sport a beautiful crown of yellow feathers. If each crown has 24 feathers, what is the total number of yellow feathers in the African Journey today?

_____ crown feathers

