

Feeding your donkeys

Number Sentences

A. Feeding your donkeys straw

One bale of straw costs R40. Your donkey eats half a bale of straw in a week.

1. How much will it cost you to feed your donkey straw every week? **R20**

Use a **number sentence** to help you work out the answer to the following sums:

2. How much will it cost you to feed your donkey straw every month?

(There are 4 weeks in a month.) **$4 \times R20 = R80$**

3. How much will it cost to feed your donkey straw for five months?

$(4 \times 5) \times R20 = R400$ or $20 \times R20 = R400$

4. How much will it cost to feed two donkeys straw every week? **$2 \times R20 = R40$**

5. How much will it cost to feed two donkeys straw every month?

$(2 \times 4) \times R20 = R160$ or $8 \times R20 = R160$

6. Look at your answers for numbers 1 and 2 and compare them to your answers for numbers 4 and 5. What do you see?

The answers for numbers 1 & 2 are half the amount for numbers 4 & 5 or the answers for 4 & 5 are double the amount of 1 & 2.

B. Feeding your donkeys hay

It takes 3 bags of hay to feed 15 donkeys every day.

7. How many donkeys does one bag feed? **$15 \div 3 = 5$ donkeys**

8. How many bags would I need to feed:

- a. 10 donkeys **$10 \div 3 = 3$ bags** b. 30 donkeys **$30 \div 3 = 10$ bags**
c. 45 donkeys **$45 \div 3 = 15$ bags**

C. Feeding your donkey treats

A bunch of 10 carrots costs R5. A bag of 10 apples costs R12.

9. I want to treat 20 donkeys to 1 carrot each.

- a. How many bunches must I buy? **$20 \div 10 = 2$ bunches**

- b. What will it cost me? **$2 \times 5 = R10$**

10. I buy a bag of apples a week as a special treat for the donkeys.

How much will it cost per month? $12 \times 4 = R48$