

Ch12: Can we share?

- **Case Study**
- **Overall revision**
- **Date: 14.6.21**

WS 48

Case Study

A) In a jungle there are 430 tigers, 200 swans, 150 deers, 400 elephants and 90 pigeons. 150 deer divided themselves into 5 groups and went for searching food. The elephants divided themselves into several groups such that each group has 80 elephants in it. While the tigers and swans were going through a muddy trail, there were 640 footsteps. There were 200 swans walking the muddy path and few tigers. A few miles away there were 9600 bananas, 400 elephants divided it equally among themselves.

- 1) If 150 deer divided themselves into 5 groups. How many deer will there be in each group?
a) 30 b) 40
- 2) How many groups did the elephant divide them into such that 80 elephants are there in each group?
a) 6 b) 5
- 3) When there are 640 foot prints of 200 ~~deer~~ ^{swans} and a few tigers, how many tigers were there?
a) 60 b) 45
- 4) How many bananas will each elephant have, if the bananas were distributed equally among them?
a) 16 b) 24
- 5) Find the total number of animals and birds in the jungle.

B) Answer the following:

6) 660m of wire is divided equally among 3 electricians .How much wire will each person get?

7) $567 \div ? = 567$

8) $990 \div 0 = ?$

9) $24 \div 6 = ?$ [Divide by repeated subtraction method]

10) Division is

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- a) 60 b) 45

4) How many bananas will each elephant have, if the bananas were distributed equally among them?

- a) 16 b) 24

5) Find the total number of animals and birds in the jungle.

- a) 1270 b) 1275

B) Answer the following:

6) 660m of wire is divided equally among 3 electricians .How much wire will each person get? Ans: 220m

7) $567 \div 1 = 567$

8) $990 \div 0 = \text{Undefined}$

9) $24 \div 6 = ?$ [Divide by repeated subtraction method]

$$24 - 6 = 18 \dots S1$$

$$18 - 6 = 12 \dots S2$$

$$12 - 6 = 6 \dots S3$$

$$6 - 6 = 0 \dots S4 \quad \text{Ans: } 24 \div 6 = 4$$

10) Division is repeated subtraction

Thank You