



NAME _____ DATE _____

QUESTIONS ON LOGICAL THINKING

Solve the problem by understanding and thinking.

iv) 10 parents are visiting the class room.

a) How many toes do the students and parents have in all? Explain using words, pictures or numbers?

SOLUTION:

Number of students = 21

Number of parents = 10

Each parent have 10 toes.

$$\textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} \textcircled{10} = 10 \text{ tens} = 100.$$

Number of toes of the 10 parents = 100

$$\begin{aligned} \text{Number of toes of the students and parents} &= 100 + 210 = 100 + 200 + 10 \\ &= 300 + 10 = \underline{310}. \end{aligned}$$

b) How many toes and fingers do the students and parents have in all? Explain using numbers.

SOLUTION:

Number of toes of the parents and students = 310

Number of toes of a person = number of fingers of a person.

Number of fingers of the parents and students = 310

$$\begin{aligned} \text{Number of toes and fingers of the parents and students} &= 310 + 310 \\ &= 300 + 10 + 300 + \underline{10}. \\ &= 300 + 300 + 10 + \underline{10}. \\ &= \underline{600} + 20 \\ &= \underline{620}. \end{aligned}$$