

Answer on Question #67881 – Math – Algebra

Question

ABC Company currently has $\frac{1}{4}$ fewer computers than they employees
If they currently have 80 employees and they want to hire more, how many computers will they need to buy to ensure that each employee has one?

Solution

There are

$$80 - 80 \times \frac{1}{4} = 80 - 20 = 60$$

computers available in the company.

It is necessary to buy another 20 computers so that every employee could have a computer:

$$80 - 60 = 20$$

If we assume that the company wants to hire y more employees, then the company needs to buy $20 + y$ computers.

Answer: $20 + y$ computers