



**ACTIVITY SOLUTION:  
EVALUATE DEFECTS,  
DEFECTIVES, UNIT & OFE**

## **GUIDELINES:**

**YOU ARE GIVEN TWO SITUATIONS**

**IDENTIFY THE DEFECTS, DEFECTIVES, UNIT &  
OPPORTUNITY FOR ERRORS (OFE)**

# ACTIVITY 01:

**In an insurance process of updating loan applications on to mainframe, there are 10 critical fields. An auditor inspects 100 units randomly and he finds 8 units to be defective. The total number of defects that he found were 40.**

**Identify the number of defects, defectives, units and opportunities of errors in this example.**

- **No. of Units?**
- **No. of Opportunities of Errors?**
- **No. of Defects?**
- **No. of Defectives?**

# ACTIVITY 01 SOLUTION:

In an insurance process of updating loan applications on to mainframe, there are 10 critical fields. An auditor inspects 100 units randomly and he finds 8 units to be defective. The total number of defects that he found were 40.

Identify the number of defects, defectives, units and opportunities of errors in this example.

- No. of Units? 100
- No. of Opportunities of Errors? 10
- No. of Defects? 40
- No. of Defectives? 8

## ACTIVITY 02:

**At Matrix Corp., the Quality Auditors capture the late arrival data of employees. Of the 300 samples for past 3 months, they identify that employees were late 270 times. If an employee does not arrive on time at work on a particular day, that instance is considered as a Defect.**

**Identify the number of defects, defectives, units and opportunities of errors in this example.**

- **No. of Units?**
- **No. of Opportunities of Errors?**
- **No. of Defects?**
- **No. of Defectives?**

# ACTIVITY 02 SOLUTION:

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Identify the number of defects, defectives, units and opportunities of errors in this example.

- No. of Units? **300**
- No. of Opportunities of Errors? **1**
- No. of Defects? **270**
- No. of Defectives? **INSUFFICIENT DATA**