



Routine and Non-routine involving basic Operations of Integers

Routine problems have quick solutions, while **non-routine problems** are more complicated.

Unlike routine problems, **non-routine problems** require higher-level thinking, creativity, and critical thinking. These problems can often be solved in different ways.

Example 1:

Sarah had a bank balance of -₱400 because she overspent last month. This month, she deposited ₱1000 into her account. What is her new balance?

Solution:

$$-\₱400 + ₱1000 = ₱600$$

She deposits, which means she adds some money to her bank account.

Example 2:

Miko had 80 apples in her basket. She gave 10 apples to her friend. How many apples does she have left?

Solution:

$$80 - 10 = 70$$

Because she gave 10 apples to her friend, she now has 70 apples.

Example 3:

A farmer has 9 baskets, and each basket holds 8 apples.
How many apples does the farmer have in total?

Solution:

$$9 \times 8 = 72$$

Every basket has 8 apples in it.

Example 4:

A teacher has 48 pencils and wants to distribute them equally among 6 students. How many pencils will each student receive?

Solution:

$$48 \div 6 = 8$$

In 8, all 6 students have equally divided pencils.