

CHAPTER 3: PAIR OF LINEAR EQUATIONS IN TWO VARIABLES

CURIOSITY QUESTIONS

1. Can you guess the evaluation process of competitive exams with negative marking? Which math concepts have been used for it?
2. Represent the following situation. The students of a class are made to stand in rows. If 3 students are extra in a row, there would be one row less. If 3 students are less in a row, there would be two rows more.

ANSWER GUIDE:

Think about

1. What is meant by linear equation in two variables?
2. What is a 'variable' in linear equation?
3. Name a few competitive exams with negative marking scheme?
4. The cost of a notebook is twice the cost of a pen. Write a linear equation to represent this statement?

EXPERIENTIAL LEARNING

ACTIVITY : ROLE PLAY

Students will enact the following situation and find out the total number of bananas sold on both the days. Two lots [A and B] of bananas are kept for sale.

On Day 1:

The first lot is sold at the rate of Rs.2 for 3 bananas and the second lot at the rate of Rs. 1 per Banana. The amount earned on the first day is Rs. 400.

On Day 2:

The first lot is sold at the rate of Rs.1 per banana and the second lot at the rate of Rs. 4 for 5 bananas. The amount earned on the second day is Rs. 460.