

SUBJECT: MATHEMATICS

CLASS: VI

CHAPTER NUMBER: 3

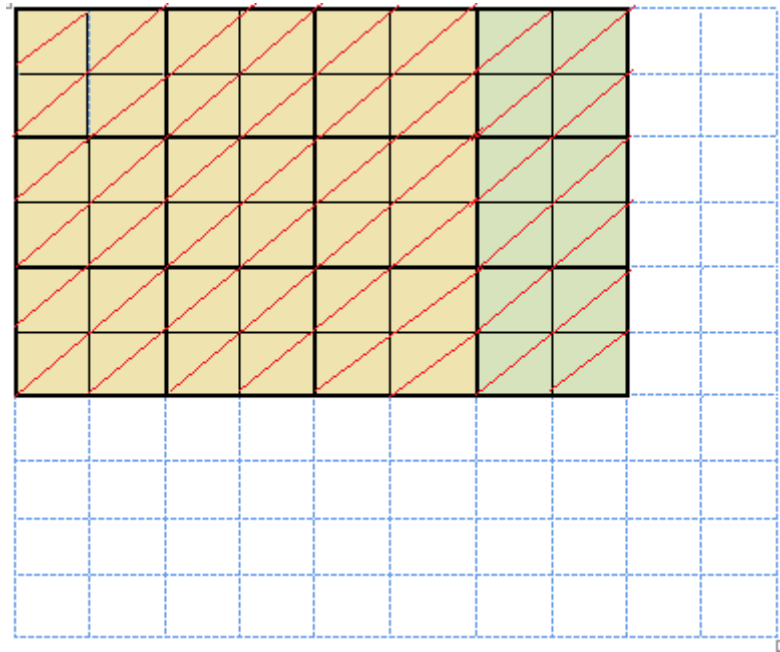
CHAPTER NAME: PLAYING WITH NUMBERS

TOPIC: SOME PROBLEMS ON HCF AND LCM

EXPERIENTIAL LEARNING ACTIVITY: HANDS ON ACTIVITY

Students are asked to follow the instructions which are given below to do the activity.

- Draw a rectangle of length 8 units and breadth 6 units in the square grid paper.
- Colour the square of 6 units with yellow colour crayon and the square of 2 units in the remaining grid with green colour crayon.
- Shade the square of 2 units with red colour crayon in the given rectangle.



AREA OF RECTANGLE = 48 SQ. UNITS

HCF = 2

LCM = 24

CURIOSITY QUESTION:

Four mobile phones alarms snooze at intervals of 8 minutes, 9 minutes, 12 minutes and 15 minutes respectively. When will the mobile phones' alarms snooze together?

ANSWER GUIDE:

1. What could be the next snoozing time of the first two mobile phones?
2. Will the snoozing time of the first three mobile phones be 90 minutes? If not, what could be the right time?