

D.A.V. PUBLIC SCHOOL, VELACHERY, CHENNAI – 42

SUBJECT: MATHEMATICS

CLASS: VII

CHAPTER NUMBER: 2

CHAPTER NAME: FRACTIONS AND DECIMALS

TOPIC: Multiplication of a fraction by a whole number

CURIOSITY QUESTION

How do you find $\frac{1}{3}$ of a whole?

ANSWER GUIDE:

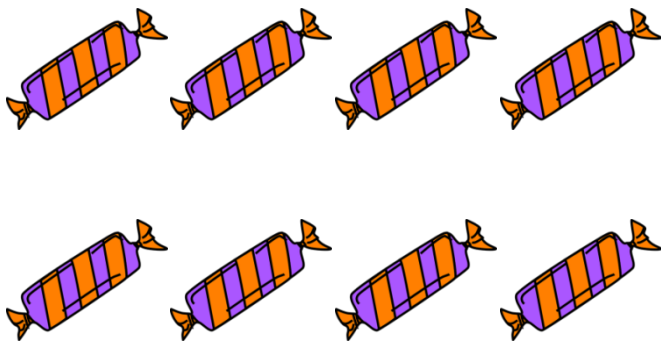
1. Will the reciprocal of a proper fraction be again a proper fraction?
2. How many grams make 1 kilogram?
3. Can you find number of 6s in 36?

EXPERIENTIAL LEARNING ACTIVITY:

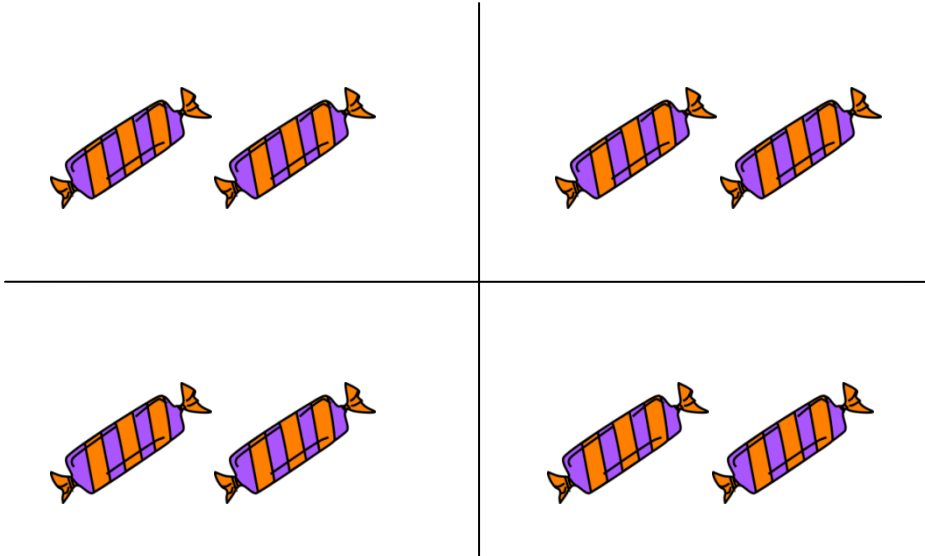
Multiplication of a fraction by a whole number is demonstrated through an activity

Suppose Ram has 8 toffees, he gives $\frac{1}{4}$ of toffees to his friend, how many toffees remain with him?

Let us represent toffees,



Dividing 8 toffees into 4 equal parts,



Therefore $\frac{1}{4}$ of 8 = 2

$$\frac{1}{4} \times 8 = 2$$

The following link will explain the concept of Fractions and Decimals

<https://www.youtube.com/watch?v=9XTSPTj90rQ>