**Pakistan School, Kingdom Of Bahrain**

**E-Support and Learning Material**

**NEW BOOK**

**Subject : Mathematics** **Grade: 6**

**Chapter: 3** **Fractions** Page No. 33

**Definition:** A numerical quantity that is not a whole number (e.g. $\frac{1}{2}$ , 0.5)

**Explanation:** A fraction simply tells us how many parts of a whole we have. You can recognize a fraction by the slash that is written between the two numbers. We have a top number, the numerator, and a bottom number, the denominator.

For example: = $\frac{2 (Numerator)}{3(Denominator)}$

**Lesson 1**

**Topic**: Dividing a fraction by a whole number.

Page no. 33

**Recap:** Solve Q1 and 2 page numbers 33 and 34 on book.

**LET’S LEARN**,

1. Divide $\frac{1}{2}$ of a pizza equally between 3 girls.

**Solution**:

Method 1 :

 $\frac{1}{2}$ ÷ 3 = $\frac{1}{6}$ (where as $\frac{1}{2}$ is fraction and 3 is a whole number)

 $\frac{1}{2}$ x $\frac{1}{3}$ = $\frac{1}{6}$ ($\frac{1}{3}$ is the reciprocal of 3)

 When $\frac{1}{2}$ of a pizza is shared equally between 3 girls, each girls receives $\frac{1}{6}$ of the pizza.

Method 2 :

$\frac{1}{2}$ ÷ 3 = $\frac{1}{3} $ of $\frac{1}{2}$

 = $\frac{1}{3} $ x $\frac{1}{2}$

 = $\frac{1}{6} $ Answer

Each girl receives $\frac{1}{6} $ of the pizza.

**Homework**

Solve Q3 parts a, b, c, d (page number 36)

1. Find the value of $\frac{9}{10}$ ÷ 3.

**Solution**:

Method 1 :

$\frac{9}{10}$ ÷ 3 = $\frac{9 ᴈ}{10}$ x $\frac{1}{3}$ ($\frac{1}{3}$ is the reciprocal of 3)

 = $\frac{3}{10}$ Answer

Method 2 :

$\frac{9}{10}$ ÷ 3 = $\frac{1}{3}$ of $\frac{9}{10}$

 = $\frac{1}{3}$ x $\frac{9 ᴈ}{10}$

 = $\frac{3}{10}$ Answer

**Homework**

Solve Q6 and 7 parts a, b, c, d, e, f (page number 37)

**Now do practice** page number 38 Q1 ( a, b, c, d), Q2 and Q3