**Pakistan School, Kingdom Of Bahrain**

**NEW BOOK**

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

**Chapter: 3** **Fractions** Page No. 46 Lesson 3

Topic: Dividing A Fraction By A Fraction

 **(Method 1)**

Q No.1 is **solved** on page 46

 Now same way complete question Nos.2,3 and 4 on book

 Page Nos. 47 and 48

 **(Method 2)**

Q No.5 A baker puts $ \frac{3}{5} $ kg of flour in to same bags such that there is $\frac{2}{5}$ kg of

 Flour in each bag. How many bags of flour does she get?

 **Solution:-** $\frac{3}{5}$ **÷** $\frac{2}{5}$

 **=** $\frac{3}{5}$ **x** $\frac{5}{2}$(Reciprocal of $\frac{2}{5}$ is$ \frac{5}{2} $)

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

She gets 1$\frac{1}{2}$bags of flour.

**H.W**

Solve Q.Nos 6, 7 and 8 (a, b, c, d) page 49

Try to create any two word problems and solve them.

**NEW BOOK**

 **Lesson 3 page 50**

Q.No. 9 What is $\frac{1}{2}$ **÷** $\frac{1}{4}$?

 Solution: **Method 1** is solved in book

 **Method 2** :- $\frac{1}{2}$ **÷** $\frac{1}{4}$ **=** $\frac{1}{2}$ **x** $\frac{4}{1}${We keep the first fraction, change the **÷** to x }

 = 2 Answer { & invert the second fraction to find the ans.}

Q. No.10 Find the value of $\frac{3}{4}$ **÷** $\frac{3}{8}$

 **Method 1 :-** $\frac{3}{4}$ **÷** $\frac{3}{8}$ **=** $\frac{3 × 2}{4 × 2}$ **÷** $\frac{3}{8}$

 **=** $\frac{6}{8}$ **÷** $\frac{3}{8}$

 **=** $\frac{6}{8}$ **x** $\frac{8}{3}$ **=** 2 Answer

 **Method 2:-**

$\frac{3}{4}$ **÷** $\frac{3}{8}$ **=** $\frac{3}{4}$ **x** $\frac{8}{3}$ **=** 2 Answer

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**H.W**

Solve Q No.11 (a, b, c, d), 12, 13, 14, 15 and 16 (a, b, c, d) by using

any one method. Page Nos. 51 and 52.

(Try to create any two questions and solve them).

**NEW BOOK**

 **Chapter 3 Fraction Page 52**

 **Now do practice**

 Q. No.1 (a, b, c, d)

 Q. No.2 (a, b, c, d)

 (Try to create at least 2 questions and solve them)