

Subject: maths

29.07.2020

Class 4

Lesson: 8B **Fraction**

**Dear students**

कल के study material मे आपने fraction को equivalent fraction मे बदलना सीख लिये ।आज फिर से equivalent fraction पर ही काम करना है ।

**Ex: find first ten equivalent fraction of 6/7.**

**Solve:**  $6/7 = 12/14$

$$= 18/21$$

$$= 24/28$$

$$= 30/35$$

$$= 36/42$$

$$= 42/49$$

$$= 48/56$$

$$= 54/63$$

$$= 60/70$$

So all found fractions

$12/14, 18/21, 24/28, 30/35, 36/42, 42/49, 48/56, 54/63, 60/70$

All are equivalent fraction which are same in value.

आप जब भी equivalent fraction किसी भी दिये गये fraction का ज्ञात करना हो तो दिये गये fraction के numerator and denominator में same digit से multiply या division करेंगे ।

For smaller fraction we multiply:-

$$2/3=2\times 2/3\times 2=4/6$$

For greater number we divide by same number:

$$100/500=100\div 2/500\div 2=50/250$$

$$50/250=50\div 10/250\div 10=5/25$$

$$5/25=5\div 5/25\div 5=1/5$$

So all above methods will help you to find equivalent fraction-

Home work:

- **Find next five equivalent fraction:**

1.  $\frac{1}{2}=2/4,3/6,4/8,5/10,6/12$

2.  $\frac{3}{4}=$

3.  $\frac{7}{8}$

4.  $\frac{6}{7}$

5.  $\frac{4}{5}$

6.  $\frac{7}{8}$

7.  $\frac{9}{11}$

8.  $\frac{10}{12}$

9.  $\frac{500}{250}$

10.  $\frac{250}{500}$

**11. 444/888**

**12. 22/13**

**13. 11/14**

**14. 15/45**

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