Class: 3

Subject: Mathematics

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Cosmo School

<u>Chapter: Fraction</u>

<u>Lecture – 7 notes</u>

Do subtractions:

<u>Type -1</u>

a) $\dfrac{4}{5} - \dfrac{1}{5}$

Solution:

<u>Step -1</u>

Make sure that the, bottom numbers (the denominators) are the same.

$\dfrac{4}{5} - \dfrac{1}{5}$

Same number

<u>Step -2</u>

Subtract the top numbers (the numerators), put that answer over the denominator. $\dfrac{4-1}{5} = \dfrac{3}{5}$

<u>Step -3</u>

Simplify the fraction (if need)

$\dfrac{3}{5}$ Simplifying is not possible

Do Subtraction:

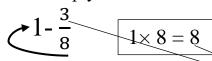$$\dfrac{4}{5} - \dfrac{1}{5} = \dfrac{4-1}{5} = \dfrac{3}{5}$$

<u>Type 2</u>
<u>Step -1</u>
Multiply '1' with denominator.

$$1 - \frac{3}{8}$$ $\boxed{1 \times 8 = 8}$

<u>Step -2</u>
Subtract the top number of 2ⁿᵈ fraction (the numerators) with the answer of step -1, put that answer over the denominator: $\frac{8-3}{8} = \frac{5}{8}$

<u>Step -3</u>
Simplify the fraction (if need)

$\frac{5}{8}$ $\boxed{\text{Here, Simplifying is not possible}}$

Do Subtraction:

$$1 - \frac{3}{8} = \frac{8-3}{8} = \frac{5}{8}$$

<u>Assess your learning</u>

1)Do subtrctions:

1. $\frac{2}{3} - \frac{1}{3}$ **5.** $\frac{6}{7} - \frac{5}{7}$ **9.** $1 - \frac{3}{5}$

2. $\frac{3}{4} - \frac{2}{4}$ **6.** $\frac{7}{9} - \frac{2}{9}$ **10.** $\frac{5}{6} - \frac{3}{6}$

3. $\frac{4}{5} - \frac{2}{5}$ **7.** $1 - \frac{3}{4}$ **11.** $\frac{8}{9} - \frac{5}{9}$

4. $\frac{5}{6} - \frac{1}{6}$ **8.** $\frac{5}{8} - \frac{3}{8}$ **12.** $1 - \frac{4}{9}$

13. $\dfrac{8}{9}$ - $\dfrac{8}{9}$ 　　　　**14.** $\dfrac{3}{6}$ - $\dfrac{3}{6}$ 　　　　15. $\dfrac{5}{7}$ - $\dfrac{5}{7}$

2)Find out 6 equivalent fractions for following fractions.

Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction	Equivalent Fraction
$\dfrac{2}{7}$						
$\dfrac{3}{5}$						
$\dfrac{1}{4}$						