Cosmo School

Class: 4
Subject : Mathematics
Prepared by : Israt sultana
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Lecture 2

Chapter: Eight

Fractions

8.3 Comparison of Fraction

Note 1 Find larger or smaller. Put the symbol "<" or ">"

(1) $\frac{2}{5}\square\frac{3}{5}$ **(2)** $\frac{3}{8}\square\frac{5}{8}$ **(3)** $\frac{1}{2}\square\frac{1}{3}$ **(4)** $\frac{3}{5}\square\frac{3}{10}$

1. **Arrange the following from smaller to larger and show it by symbols**

(1) $\frac{2}{3},\frac{2}{9},\frac{2}{8},\frac{2}{5}$ **(2)** $\frac{3}{7},\frac{3}{10},\frac{3}{3},\frac{3}{5}$ **(3)** $\frac{5}{10},\frac{5}{6},\frac{5}{15},\frac{5}{9}$

8.4 Equivalent Fraction

(1) Find equivalent fraction of $\frac{1}{2}$**.**

(2) Find equivalent fraction of $\frac{2}{3}$**.**

(3) Find equivalent fraction of $\frac{1}{3}$**.**

Ex: 2 Using the number lines, find the missing numbers

(1) $\frac{1}{4}=\frac{2}{\square}$ **(2)** $\frac{4}{10}=\frac{\square}{5}$ **(3)** $\frac{6}{9}=\frac{\square}{3}$ **(4)** $\frac{6}{8}=\frac{3}{\square}$

Ex:3 Find the missing numbers

(1) $\frac{1}{2}=\frac{\square}{12}$ **(2)** $\frac{5}{6}=\frac{10}{\square}$ **(3)** $\frac{3}{4}=\frac{12}{\square}$ **(4)** $\frac{7}{8}=\frac{\square}{24}$

Ex:4 Make five equivalent fractions of $\frac{2}{5}$ freely.

Ex:5 Find the missing numbers

(1) $\frac{3}{9}=\frac{\square}{3}$ **(2)** $\frac{6}{8}=\frac{3}{\square}$ **(3)** $\frac{4}{12}=\frac{1}{\square}$ **(4)** $\frac{8}{20}=\frac{\square}{5}$

Ex:6 Make three equivalent fractions of $\frac{12}{18}$ by dividing numerator and denominator of the fraction by the same number.

Exercise(1)

3. Find the missing numbers.

(1) $\frac{1}{3}=\frac{\square}{6}$ **(2)** $\frac{3}{7}=\frac{\square}{28}$ **(3)** $\frac{3}{4}=\frac{\square}{36}$ **(4)** $\frac{4}{5}=\frac{12}{\square}$ **(5)** $\frac{2}{9}=\frac{16}{\square}$ **(6)** $\frac{5}{8}=\frac{30}{\square}$

(7) $\frac{3}{6}=\frac{\square}{2}$ **(8)** $\frac{12}{20}=\frac{\square}{5}$ **(9)** $\frac{28}{36}=\frac{\square}{9}$ **(10)** $\frac{33}{66}=\frac{1}{\square}$ **(11)** $\frac{5}{65}=\frac{1}{\square}$ **(12)** $\frac{12}{54}=\frac{2}{\square}$