

Class: 4

Subject : Mathematics

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Lecture 4

Chapter: Eight

Fractions

Note 1 Do addition.

$$(1) \frac{1}{4} + \frac{1}{3} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

$$(3) \frac{1}{6} + \frac{2}{9} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

$$(2) \frac{1}{4} + \frac{2}{5} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

$$(4) \frac{1}{8} + \frac{5}{6} = \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

Note 2 Do subtraction.

$$(1) \frac{1}{2} - \frac{1}{3} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

$$(4) \frac{3}{8} - \frac{1}{4} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

$$(2) \frac{1}{4} - \frac{1}{5} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

$$(5) \frac{5}{6} - \frac{3}{8} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

$$(3) \frac{2}{3} - \frac{2}{5} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

$$(6) \frac{7}{10} - \frac{4}{15} = \frac{\square}{\square} - \frac{\square}{\square} = \frac{\square}{\square}$$

Note 3 Do addition and subtraction.

$$(1) \frac{1}{4} + \frac{3}{20} \quad (2) \frac{1}{4} + \frac{7}{12} \quad (3) \frac{3}{8} + \frac{1}{24} \quad (4) \frac{4}{15} + \frac{1}{12} \quad (5) \frac{8}{15} + \frac{3}{10}$$

$$(6) \frac{11}{14} - \frac{2}{7} \quad (7) \frac{1}{2} - \frac{1}{6} \quad (8) \frac{5}{6} - \frac{7}{18} \quad (9) \frac{11}{12} - \frac{4}{15} \quad (10) \frac{13}{15} - \frac{9}{20}$$

Note 4 Do addition and subtraction.

(1) $\frac{1}{6} + \frac{1}{3} + \frac{1}{4}$ (2) $1 - \frac{1}{2} - \frac{1}{4}$

Exercise (2)

2. Do addition.

(1) $\frac{1}{4} + \frac{1}{2}$ (2) $\frac{2}{5} + \frac{3}{7}$ (3) $\frac{1}{6} + \frac{3}{8}$ (4) $\frac{3}{7} + \frac{1}{3}$ (5) $\frac{2}{9} + \frac{5}{12}$
(6) $\frac{5}{6} + \frac{1}{10}$ (7) $\frac{2}{3} + \frac{2}{15}$ (8) $\frac{1}{6} + \frac{2}{15}$ (9) $\frac{4}{15} + \frac{2}{5}$ (10) $\frac{1}{6} + \frac{7}{12}$

3. Do subtraction.

(1) $\frac{1}{3} - \frac{1}{4}$ (2) $\frac{5}{6} - \frac{2}{5}$ (3) $\frac{1}{3} - \frac{1}{6}$ (4) $\frac{4}{9} - \frac{1}{6}$ (5) $\frac{11}{12} - \frac{7}{9}$
(6) $\frac{9}{10} - \frac{2}{5}$ (7) $\frac{7}{12} - \frac{1}{4}$ (8) $\frac{4}{15} - \frac{1}{6}$ (9) $\frac{2}{3} - \frac{7}{15}$ (10) $\frac{9}{10} - \frac{5}{6}$

4. Do calculation.

(1) $\frac{1}{3} + \frac{1}{4} + \frac{1}{12}$ (2) $\frac{1}{6} + \frac{1}{3} + \frac{2}{9}$ (3) $\frac{1}{2} - \frac{1}{3} - \frac{1}{9}$ (4) $\frac{3}{4} - \frac{3}{5} + \frac{1}{2}$

5. Do calculation.

(1) $\square + \frac{1}{5} = \frac{13}{15}$ (2) $\frac{5}{7} + \square = \frac{32}{35}$ (3) $\frac{5}{6} - \square = \frac{23}{42}$