

The Primary Stage of Grades (4-5)
2022-2023

Second Semester

Name: Key
Date: 1/1/2

Subject: Math
Class: Grade:4CP(C,D,E,F&G)

Activity 3

Objective: Add & Subtract fractions.

To add or subtract fractions, you need to:

- 1) Make common denominator by creating equivalent fraction.
- 2) Add or subtract.

1) Find the following writing your answer in the simplest form.

Same denominator, just add

a) $\frac{3}{7} + \frac{6}{7} = \frac{9}{7} = 1\frac{2}{7}$

Make equivalent fractions

b) $\frac{1}{4} + \frac{6}{8} = 1 \text{ whole}$ $\frac{1 \times 2}{4 \times 2} = \frac{2}{8}$ OR $\frac{6 \div 2}{8 \div 2} = \frac{3}{4}$

$\frac{2}{8} + \frac{6}{8} = \frac{8}{8}$ OR $\frac{1}{4} + \frac{3}{4} = \frac{4}{4} = 1 \text{ whole}$

c) $\frac{1}{3} + \frac{3}{9} =$ $\frac{1 \times 3}{3 \times 3} = \frac{3}{9}$ OR $\frac{3 \div 3}{9 \div 3} = \frac{1}{3}$

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

OR $\frac{3}{9} + \frac{3}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}$

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either
simplify

$$\frac{7 \div 7}{21 \div 7} = \frac{1}{3}$$

$$d) \frac{7}{21} + \frac{1}{3} =$$

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

$$\text{OR } \frac{1 \times 7}{3 \times 7} = \frac{7}{21}$$

$$\frac{7}{21} + \frac{7}{21} = \frac{14 \div 7}{21 \div 7} = \frac{2}{3}$$

1) equivalent fractions

$$e) \frac{2 \times 8}{3 \times 8} + \frac{5 \times 3}{8 \times 3} =$$

$$\frac{16}{24} + \frac{15}{24} = \frac{31}{24} = 1 \frac{7}{24}$$

find a number found in both multiplication tables 3 and 8 (common multiple)

3, 6, 9, 12, 15, 18, 21, 24
8, 16, 24

equivalent fraction

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

$$\frac{6}{8} - \frac{1}{8} = \frac{5}{8}$$

$$\frac{3 \times 2}{4 \times 2} = \frac{6}{8}$$

$$g) \frac{2}{3} - \frac{1}{4} =$$

$$\frac{8}{12} - \frac{3}{12} = \frac{5}{12}$$

$$\frac{2 \times 4}{3 \times 4} = \frac{8}{12}$$

Same as e.

$$\frac{1 \times 3}{4 \times 3} = \frac{3}{12}$$

$$h) \frac{7}{9} - \frac{2 \times 3}{3 \times 3} =$$

$$\frac{7}{9} - \frac{6}{9} = \frac{1}{9}$$

$$i) \frac{2}{3} - \frac{3}{5} =$$

$$\frac{2 \times 5}{3 \times 5} = \frac{10}{15}$$

$$2) \frac{10}{15} - \frac{9}{15} = \frac{1}{15}$$

$$\frac{3 \times 3}{5 \times 3} = \frac{9}{15}$$