

Name: Class:

Add and subtract fractions with the same denominator

Add or subtract the following fractions.

1. Add and simplify your answer as much as possible.

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

2. Subtract.

$$\frac{7}{8} - \frac{6}{8} =$$

3. Add and simplify your answer as much as possible.

$$\frac{7}{10} + \frac{9}{10} =$$

4. Subtract.

$$\frac{13}{7} - \frac{9}{7} =$$

5. Subtract and simplify your answer as much as possible.

$$\frac{17}{5} - \frac{4}{5} =$$

6. Add.

$$\frac{8}{15} + \frac{2}{15} + \frac{3}{15} =$$

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Add or subtract the following fractions.

1. Add and simplify your answer as much as possible.

$$\frac{3}{4} + \frac{2}{4} = \frac{3+2}{4} = \frac{5}{4}$$

$$4 \frac{1}{5} - \frac{4}{5} = \frac{4 \times 5 + 1 - 4}{5} = \frac{20 + 1 - 4}{5} = \frac{17}{5}$$

Therefore, $\frac{3}{4} + \frac{2}{4} = 1 \frac{1}{4}$

2. Subtract.

$$\frac{7}{8} - \frac{6}{8} = \frac{7-6}{8} = \frac{1}{8}$$

Therefore, $\frac{7}{8} - \frac{6}{8} = \frac{1}{8}$

3. Add and simplify your answer as much as possible.

$$\frac{7}{10} + \frac{9}{10} = \frac{7+9}{10} = \frac{16}{10} = \frac{8}{5}$$

$$5 \frac{1}{8} - \frac{5}{8} = \frac{5 \times 8 + 1 - 5}{8} = \frac{40 + 1 - 5}{8} = \frac{36}{8} = \frac{9}{2}$$

Therefore, $\frac{7}{10} + \frac{9}{10} = 1 \frac{3}{5}$

4. Subtract.

$$\frac{13}{7} - \frac{9}{7} = \frac{13-9}{7} = \frac{4}{7}$$

Therefore, $\frac{13}{7} + \frac{9}{7} = \frac{4}{7}$

5. Subtract and simplify your answer as much as possible.

$$\frac{17}{5} - \frac{4}{5} = \frac{17-4}{5} = \frac{13}{5}$$

$$5 \frac{2}{13} - \frac{10}{13} = \frac{5 \times 13 + 2 - 10}{13} = \frac{65 + 2 - 10}{13} = \frac{57}{13}$$

Therefore, $\frac{17}{5} - \frac{4}{5} = 2 \frac{3}{5}$

6. Add.

$$\frac{8}{15} + \frac{2}{15} + \frac{3}{15} = \frac{8+2+3}{15} = \frac{13}{15}$$

Therefore, $\frac{8}{15} + \frac{2}{15} + \frac{3}{15} = \frac{13}{15}$