



Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #29944

Name: _____**Standard: CCSS.Math.Content.5.NF.A.1**

Description: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, $\frac{2}{3} + \frac{5}{4} = \frac{8}{12} + \frac{15}{12} = \frac{23}{12}$. (In general, $\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}$.)

Subtract Mixed Number From Mixed Number with Unlike Denominator:

1.

$$7\frac{1}{4} - 3\frac{1}{2} =$$
$$\frac{12}{12} - \frac{6}{12} =$$

6.

$$1\frac{6}{3} - 2\frac{1}{8} =$$
$$\frac{7}{7} - \frac{1}{8} =$$

2.

$$4\frac{2}{6} - 8\frac{1}{5} =$$
$$\frac{6}{6} - \frac{1}{5} =$$

7.

$$1\frac{5}{6} - 2\frac{1}{10} =$$
$$\frac{10}{10} - \frac{1}{6} =$$

3.

$$6\frac{6}{7} - 2\frac{1}{10} =$$
$$\frac{7}{7} - \frac{1}{10} =$$

8.

$$2\frac{6}{7} - 4\frac{1}{11} =$$
$$\frac{11}{11} - \frac{1}{12} =$$

4.

$$5\frac{3}{8} - 3\frac{1}{6} =$$
$$\frac{6}{6} - \frac{1}{5} =$$

9.

$$1\frac{2}{7} - 3\frac{1}{2} =$$
$$\frac{2}{2} - \frac{1}{7} =$$

5.

$$2\frac{4}{9} - 2\frac{1}{8} =$$
$$\frac{9}{9} - \frac{1}{8} =$$

10.

$$2\frac{1}{5} - 3\frac{1}{4} =$$
$$\frac{4}{4} - \frac{1}{2} =$$

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