



# Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #18610

**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,  $\frac{a}{b} + \frac{c}{d} = \frac{ad + bc}{bd}$ .)

## Add improper fractions with unlike denominator:

**1.**

$$\frac{23}{6} + \frac{17}{3} =$$

**6.**

$$\frac{3}{2} + \frac{53}{10} =$$

**2.**

$$\frac{31}{9} + \frac{29}{6} =$$

**7.**

$$\frac{13}{10} + \frac{19}{12} =$$

**3.**

$$\frac{39}{10} + \frac{29}{3} =$$

**8.**

$$\frac{38}{4} + \frac{3}{2} =$$

**4.**

$$\frac{68}{8} + \frac{13}{2} =$$

**9.**

$$\frac{61}{7} + \frac{16}{9} =$$

**5.**

$$\frac{19}{4} + \frac{22}{6} =$$

**10.**

$$\frac{31}{5} + \frac{6}{4} =$$

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