Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 1 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

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

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

3. $4\frac{1}{6} + 2\frac{2}{3} =$

4. $2\frac{3}{5} + 3\frac{1}{2} =$

5. $3\frac{1}{3} + 3\frac{5}{8} =$

6. $6\frac{3}{4} + 4\frac{2}{5} =$

7. $3\frac{1}{8} - 1\frac{1}{3} =$

8. $2\frac{7}{10} - 1\frac{3}{5} =$

9. $6\frac{1}{2} - 3\frac{3}{4} =$

10. $2\frac{1}{2} + 2\frac{5}{6} =$

11. $6\frac{1}{4} + 4\frac{1}{3} =$

12. $3\frac{11}{12} - 2\frac{5}{6} =$

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 1 of 10

Add or subtract. Rewrite the fractions with a common denominator first. Regroup when you need to. Write each answer in simplest form.

1. $5\frac{1}{3} - 3\frac{1}{2} =$ **1 5/6**

2. $6\frac{7}{10} - 2\frac{1}{2} =$ **4 1/5**

3. $4\frac{1}{6} + 2\frac{2}{3} =$ **6 5/6**

4. $2\frac{3}{5} + 3\frac{1}{2} =$ **6 1/10**

5. $3\frac{1}{3} + 3\frac{5}{8} =$ **6 23/24**

6. $6\frac{3}{4} + 4\frac{2}{5} =$ **11 3/20**

7. $3\frac{1}{8} - 1\frac{1}{3} =$ **1 19/24**

8. $2\frac{7}{10} - 1\frac{3}{5} =$ **1 1/10**

9. $6\frac{1}{2} - 3\frac{3}{4} =$ **2 3/4**

10. $2\frac{1}{2} + 2\frac{5}{6} =$ **5 1/3**

11. $6\frac{1}{4} + 4\frac{1}{3} =$ **10 7/12**

12. $3\frac{11}{12} - 2\frac{5}{6} =$ **1 1/12**