Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 4 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. $6\frac{1}{6} - 4\frac{1}{2} =$

2. $2\frac{1}{3} + 2\frac{11}{12} =$

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

4. $5\frac{1}{3} - 1\frac{7}{12} =$

5. $5\frac{1}{6} + 1\frac{11}{12} =$

6. $6\frac{1}{3} + 3\frac{5}{12} =$

7. $6\frac{1}{12} + 3\frac{5}{8} =$

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

9. $5\frac{1}{3} + 3\frac{3}{4} =$

10. $6\frac{7}{12} - 3\frac{1}{2} =$

11. $2\frac{1}{2} - 1\frac{5}{6} =$

12. $3\frac{7}{12} + 1\frac{1}{8} =$

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

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

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

2. $2\frac{1}{3} + 2\frac{11}{12} =$ **5 1/4**

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

4. $5\frac{1}{3} - 1\frac{7}{12} =$ **3 3/4**

5. $5\frac{1}{6} + 1\frac{11}{12} =$ **7 1/12**

6. $6\frac{1}{3} + 3\frac{5}{12} =$ **9 3/4**

7. $6\frac{1}{12} + 3\frac{5}{8} =$ **9 17/24**

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

9. $5\frac{1}{3} + 3\frac{3}{4} =$ **9 1/12**

10. $6\frac{7}{12} - 3\frac{1}{2} =$ **3 1/12**

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

12. $3\frac{7}{12} + 1\frac{1}{8} =$ **4 17/24**