Name: _____ Date: _____

Adding and Subtracting Mixed Numbers With Unlike Denominators

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 6 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. $3\frac{1}{6} + 4\frac{1}{4} =$

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

3. $2\frac{3}{4} - 1\frac{5}{6} =$

4. $3\frac{5}{12} + 4\frac{5}{8} =$

5. $5\frac{3}{4} - 3\frac{9}{10} =$

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

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

8. $5\frac{3}{4} - 2\frac{1}{3} =$

9. $2\frac{1}{2} - 1\frac{7}{12} =$

10. $3\frac{1}{12} + 2\frac{1}{3} =$

11. $4\frac{5}{6} + 1\frac{3}{4} =$

12. $5\frac{3}{4} - 1\frac{1}{2} =$

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 6 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. $3\frac{1}{6} + 4\frac{1}{4} =$ **7 5/12**

2. $3\frac{1}{3} + 5\frac{1}{6} =$ **8 1/2**

3. $2\frac{3}{4} - 1\frac{5}{6} =$ **11/12**

4. $3\frac{5}{12} + 4\frac{5}{8} =$ **8 1/24**

5. $5\frac{3}{4} - 3\frac{9}{10} =$ **1 17/20**

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

7. $3\frac{5}{8} + 5\frac{5}{6} =$ **9 11/24**

8. $5\frac{3}{4} - 2\frac{1}{3} =$ **3 5/12**

9. $2\frac{1}{2} - 1\frac{7}{12} =$ **11/12**

10. $3\frac{1}{12} + 2\frac{1}{3} =$ **5 5/12**

11. $4\frac{5}{6} + 1\frac{3}{4} =$ **6 7/12**

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