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**

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 2 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. $2\frac{1}{3} + 5\frac{7}{8} =$ **8 5/24**

2. $2\frac{11}{12} + 5\frac{5}{8} =$ **8 13/24**

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

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

5. $6\frac{9}{10} - 5\frac{2}{5} =$ **1 1/2**

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

7. $5\frac{7}{10} + 4\frac{3}{4} =$ **10 9/20**

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

9. $4\frac{1}{4} + 4\frac{2}{5} =$ **8 13/20**

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

11. $5\frac{2}{3} - 4\frac{2}{5} =$ **1 4/15**

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

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 3 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. $4\frac{1}{2} - 3\frac{4}{5} =$ **7/10**

2. $5\frac{1}{2} + 4\frac{1}{6} =$ **9 2/3**

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

4. $4\frac{1}{2} + 2\frac{2}{3} =$ **7 1/6**

5. $4\frac{9}{10} - 2\frac{3}{4} =$ **2 3/20**

6. $4\frac{2}{3} + 2\frac{3}{5} =$ **7 4/15**

7. $6\frac{5}{12} - 4\frac{1}{2} =$ **1 11/12**

8. $4\frac{11}{12} - 2\frac{1}{2} =$ **2 5/12**

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

10. $2\frac{7}{12} + 4\frac{1}{2} =$ **7 1/12**

11. $3\frac{1}{8} + 5\frac{1}{2} =$ **8 5/8**

12. $2\frac{2}{5} + 3\frac{1}{2} =$ **5 9/10**

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

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

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 5 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. $3\frac{5}{8} + 4\frac{1}{4} =$ **7 7/8**

2. $4\frac{1}{2} + 4\frac{7}{12} =$ **9 1/12**

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

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

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

6. $4\frac{5}{8} - 1\frac{3}{4} =$ **2 7/8**

7. $6\frac{1}{4} - 1\frac{1}{2} =$ **4 3/4**

8. $4\frac{2}{3} - 1\frac{3}{8} =$ **3 7/24**

9. $5\frac{5}{6} + 4\frac{2}{3} =$ **10 1/2**

10. $2\frac{3}{4} + 1\frac{1}{3} =$ **4 1/12**

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

12. $6\frac{1}{8} + 4\frac{1}{4} =$ **10 3/8**

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**

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 7 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. $6\frac{1}{2} + 4\frac{4}{5} =$ **11 3/10**

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

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

4. $2\frac{7}{8} - 1\frac{7}{12} =$ **1 7/24**

5. $4\frac{3}{8} + 4\frac{1}{6} =$ **8 13/24**

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

7. $5\frac{1}{6} - 2\frac{2}{3} =$ **2 1/2**

8. $4\frac{2}{3} + 3\frac{1}{6} =$ **7 5/6**

9. $2\frac{3}{10} - 1\frac{1}{2} =$ **4/5**

10. $3\frac{9}{10} - 1\frac{3}{4} =$ **2 3/20**

11. $5\frac{2}{3} + 2\frac{3}{8} =$ **8 1/24**

12. $3\frac{5}{8} + 1\frac{1}{3} =$ **4 23/24**

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 8 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. $2\frac{4}{5} - 1\frac{1}{2} =$ **1 3/10**

2. $3\frac{3}{5} + 5\frac{9}{10} =$ **9 1/2**

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

4. $5\frac{1}{12} - 3\frac{1}{8} =$ **1 23/24**

5. $2\frac{1}{3} + 5\frac{1}{2} =$ **7 5/6**

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

7. $5\frac{1}{2} - 3\frac{7}{10} =$ **1 4/5**

8. $4\frac{1}{2} + 2\frac{4}{5} =$ **7 3/10**

9. $2\frac{3}{8} + 5\frac{1}{2} =$ **7 7/8**

10. $4\frac{5}{12} - 2\frac{1}{2} =$ **1 11/12**

11. $4\frac{5}{6} - 3\frac{1}{8} =$ **1 17/24**

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

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 9 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. $5\frac{1}{3} + 5\frac{1}{4} =$ **10 7/12**

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

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

4. $2\frac{3}{8} + 2\frac{5}{6} =$ **5 5/24**

5. $6\frac{9}{10} - 5\frac{1}{4} =$ **1 13/20**

6. $5\frac{7}{8} + 4\frac{1}{2} =$ **10 3/8**

7. $3\frac{1}{2} - 2\frac{11}{12} =$ **7/12**

8. $4\frac{5}{6} - 1\frac{5}{12} =$ **3 5/12**

9. $6\frac{2}{5} + 1\frac{1}{2} =$ **7 9/10**

10. $5\frac{1}{12} - 4\frac{3}{4} =$ **1/3**

11. $6\frac{1}{2} - 3\frac{3}{10} =$ **3 1/5**

12. $3\frac{1}{4} - 1\frac{4}{5} =$ **1 9/20**

Adding and Subtracting Mixed Numbers With Unlike Denominators - ANSWER KEY

Grade 5 | Adding and subtracting mixed numbers with different denominators | Version 10 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. $2\frac{3}{4} - 1\frac{3}{8} =$ **1 3/8**

2. $4\frac{2}{3} + 4\frac{5}{6} =$ **9 1/2**

3. $2\frac{1}{8} - 1\frac{5}{6} =$ **7/24**

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

5. $6\frac{9}{10} - 1\frac{2}{5} =$ **5 1/2**

6. $2\frac{2}{5} + 5\frac{1}{2} =$ **7 9/10**

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

8. $5\frac{1}{3} + 4\frac{1}{6} =$ **9 1/2**

9. $5\frac{9}{10} + 4\frac{3}{4} =$ **10 13/20**

10. $4\frac{1}{2} + 1\frac{5}{12} =$ **5 11/12**

11. $5\frac{3}{8} - 1\frac{1}{6} =$ **4 5/24**

12. $4\frac{7}{8} + 4\frac{3}{4} =$ **9 5/8**