

Section 10.R.3 Addition and Subtraction with Fractions

Go to Section 10.R.3 Learn mode in Hawkes to follow along!

Addition with Fractions

To Add Fractions with the Same Denominator

1. _____.
2. _____.
3. _____.

To Add Fractions with Different Denominators

1. _____.
2. _____.
3. _____.
4. _____.

Example 3 Adding Fractions with Different Denominators

Find the sum: $\frac{3}{8} + \frac{13}{12}$

Solution

Name:

Date:

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Exercises

Add and reduce to lowest terms.

1. $\frac{3}{14} + \frac{2}{14}$

3. $\frac{7}{9} + \frac{3}{5}$

5. $\frac{2}{7} + \frac{4}{21} + \frac{1}{3}$

2. $\frac{3}{11} + \frac{7}{11}$

4. $\frac{2}{5} + \frac{3}{10} + \frac{3}{20}$

6. $5 + \frac{13}{100} + \frac{7}{10}$

Subtraction with Fractions

To Subtract Fractions with the Same Denominator

1. _____.
2. _____.
3. _____.

To Subtract Fractions with Different Denominators

1. _____.
2. _____.
3. _____.
4. _____.

▶ Example 7 Subtracting Fractions with Different Denominators

Find the difference: $\frac{9}{10} - \frac{2}{15}$

Solution

Name:

Date:

4

Exercises

Subtract and reduce to lowest terms.

7. $\frac{9}{10} - \frac{3}{10}$

10. $\frac{2}{3} - \frac{1}{4}$

8. $\frac{7}{8} - \frac{5}{8}$

11. $1 - \frac{9}{10}$

9. $\frac{8}{10} - \frac{3}{15}$

12. $\frac{3}{100} - \frac{1}{1000}$