

Name: _____

Date _____

Topic: Adding and Subtracting Rational Expressions - Worksheet 1

Solve the following rational fractional expressions.

1. $x/2 + x/9$

2. $y/6 - y/5$

3. $x/2 - 4x/3$

4. $y/2 + 2y/3$

5. $(5y/y-15) - 5y/(y+3)$

6. $2x/(x+7) + 3x/(x+7)$

7. $(y-3)/(y+2) + (y+3)/(y+2)$

8. $2x/3 + 5x/10$

9. $y/(2y-20) - 6y/(5)$

10. $(y-3)/(y+2) + (y+2)/(y+2)$



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Topic: Adding and Subtracting Rational Expressions - Worksheet 2

Solve the following rational fractional expressions.

1. $x/3 + x/4$

2. $y/2 - y/5$

3. $x/7 - 7x/3$

4. $4y/3 + 2y/5$

5. $(5y/y-4) - 4y/(y-4)$

6. $3x/(x+8) + 6x/(x+8) + 10$

7. $(y+3)/(y+5) + (y-3)/(y+5)$

8. $x/6 + 3x/15$

9. $5y/(y-10) - 3y/(y-10)$

10. $(y-3)/(y+3) + (y+4)/(y+3)$



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Topic: Adding and Subtracting Rational Expressions - Worksheet 3

Solve the following rational fractional expressions.

1. $3x/5 + 6x/7$

2. $y/7 - 2y/8$

3. $2x/6 - 7x/3$

4. $5y/3 + 2y/9$

5. $(8y/y-5) - 9y/(y-5)$

6. $3x/(x+10) + 6x/(x+10) + 15$

7. $(y+5)/(y+6) + (y-5)/(y+6)$

8. $x/10 + 6x/15$

9. $8y/(y-7) - 3y/(y-7)$

10. $(y-5)/(y-3) + (y+6)/(y-3)$



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Topic: Adding and Subtracting Rational Expressions - Worksheet 4

Solve the following rational fractional expressions.

1. $2x/6 + 5x/8$

2. $7y/3 - 2y/8$

3. $x/5 - 6x/4$

4. $8y/3 + 2y/9$

5. $(7y/y-8) - 9y/(y-8)$

6. $2x/(x+6) + 7x/(x+6) - 8$

7. $(y+8)/(y+4) + (y-5)/(y+4)$

8. $7x/21 + 4x/7$

9. $8y/(y+8) - 3y/(y+8)$

10. $(y-5)/(y+4) + (y-8)/(y+4)$



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Topic: Adding and Subtracting Rational Expressions - Worksheet 5

Solve the following rational fractional expressions.

1. $7x/6 + 7x/10$

2. $5y/8 - y/5$

3. $4x/7 - 6x/5$

4. $8y/4 + 2y/12$

5. $(5y/y+7) - 8y/(y+7)$

6. $x/(x+5) + 7x/(x+5) + 15$

7. $(y+8)/(y-8) + (y-5)/(y-8)$

8. $7x/16 + 9x/4$

9. $8y/(y+9) - 3y/(y+9)$

10. $(y+10)/(y-5) + (y-8)/(y-5)$

