

Name: _____

Date _____

Topic : Addition and Subtraction of Rational Fractions - Worksheet 1

Solve the following rational fractions

1. $x/6 + x/5$

2. $y/4 - y/20$

3. $x/4 - 6x/8$

4. $y/7 + 3y/1$

5. $(3y/y^2 - 16) - 6y/(y+4)$

6. $x/(x+4) + x/(x+3) - 5$

7. $(x-7)/(x+6) + (x+4)/(x+7)$

8. $4x/8 + 6x/12$

9. $y/(5y-25) - 4/(7y-y^2)$

10. $(y-3)/(y+4) + (y+6)/(y+3)$



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Topic : Addition and Subtraction of Rational Fractions - Worksheet 2

Solve the following rational fractions

1. $x/3 + x/2$

2. $y/6 - y/12$

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

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

5. $(4y/y^2-64) - y/(y+8)$

6. $3x/(x+5) + 3x/(x+4) - 2$

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

8. $3x/14 + 5x/7$

9. $y/(8y-8) - 9y/(6y-6y^2)$

10. $(y-6)/(y+5) + (y+5)/(y+4)$



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Topic : Addition and Subtraction of Rational Fractions - Worksheet 3

Solve the following rational fractions

1. $x/5 + x/10$

2. $y/3 - y/5$

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

4. $5y/2 + 2y/7$

5. $(2y/y^2-25) - y/(y+5)$

6. $2x/(x+6) + 4x/(x+8) - 3$

7. $(y-3)/(y+7) + (y+4)/(y+8)$

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

9. $y/(2y-5) - 6y/(4y-2y^2)$

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



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Topic : Addition and Subtraction of Rational Fractions - Worksheet 4

Solve the following rational fractions

1. $x/8 + x/16$

2. $5y/15 - y/15$

3. $5x/12 - 2x/24$

4. $4y/11 + 3y/11$

5. $(4y/y^2-36) - y/(y+6)$

6. $3x/(x+4) + 2x/(x+6) - 8$

7. $(2y-5)/(2y+7) + (3y+2)/(4y+2)$

8. $x/14 + 2x/7$

9. $y/(6y-2) - 5y/(7y-3y^2)$

10. $(5y-9)/(y+2) + (y+6)/(y+9)$



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Topic : Addition and Subtraction of Rational Fractions - Worksheet 5

Solve the following rational fractions

1. $3x/12 + 2x/8$

2. $4y/10 - y/15$

3. $2x/14 - 4x/14$

4. $9y/10 + y/20$

5. $(6y/y^2-81) - y/(y+9)$

6. $2x/(2x+12)+3x/(x+11)-6$

7. $(y-4)/(3y+9) + (7y+4)/(5y+7)$

8. $x/18 + 4x/18$

9. $3y/(8y-5)-6y/(4y-5y^2)$

10. $(y-6)/(y+3) + (y+7)/(y+1)$

