

Name: \_\_\_\_\_

Date \_\_\_\_\_

Topic : Solving Fractional Equations - Worksheet 1

Solve each fractional equation

1.  $a/5 + a/2 = 14/2$

2.  $3y/3 - 4y/5 = 1$

3.  $10 - 5x/2 = 10/2$

4.  $2x + 10 - 3x = 2x - 2$

5.  $2k/2 + k/4 = 100/10$

6.  $a/4 + 2a = 18/2$

7.  $10x/2 - 6/4 = 17/2$

8.  $q/8 + q/2 = 20/5$

9.  $3p/3 - 3p/9 = 30/15$

10.  $10 - 2x/3 = 30/5$



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Topic : Solving Fractional Equations - Worksheet 2

Solve each fractional equation

1.  $a/10 + a/5 = 6/2$

2.  $15x/5 - 4x/2 = 14/2$

3.  $12x - 5x/2 = 38/2$

4.  $x + 3x = 40/2$

5.  $2k/2 + k/4 = 100/10$

6.  $a/4 + 2a = 18/2$

7.  $2x/3 - x/3 = 18/9$

8.  $10q/5 + q/2 = 20/5$

9.  $2p/2 - 2p/10 = 60/15$

10.  $5x/3 - 2x/3 = 30/5$



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Topic : Solving Fractional Equations - Worksheet 3

Solve each fractional equation

1.  $16/a + a/2 = 30/5$

2.  $12x/4 - 4x/2 = 36/18$

3.  $5x - x/2 = 36/2$

4.  $3x + 25 - 4x = 44/2$

5.  $5k/2 + k/4 = 11/2$

6.  $5/25 + a = 26/5$

7.  $2x/4 - x/4 = 45/15$

8.  $10q/5 + q/2 = 7/2$

9.  $2p/10 - 2p/14 = 10/25$

10.  $4x/3 - 2x/3 = 60/15$



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Topic : Solving Fractional Equations - Worksheet 4

Solve each fractional equation

1.  $15/a + 9/a = 24/3$

2.  $12x/3 - 3x/6 = 28/2$

3.  $5x - x/2 = 27/2$

4.  $4x - 2x + 3 = 10/2$

5.  $5k/2 + k/4 = 33/2$

6.  $a/15 + 8 = 25/3$

7.  $2x/4 - x/4 = 15/30$

8.  $20q/4 + 10q/4 = 60/2$

9.  $5p/10 - 2p/18 = 21/9$

10.  $4x/2 - 2x/4 = 15/5$



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Topic : Solving Fractional Equations - Worksheet 5

Solve each fractional equation

1.  $a/6 + 3a/6 = 12/6$

2.  $4y/4 - 5y/4 = 15$

3.  $20 - 6x/4 = x/5$

4.  $3x + 12 - 4x = 10x + 6$

5.  $3k/3 + k/5 = 100/10$

6.  $y + 4/3 - y - 4/5 = y - 4/5$

7.  $8x/4 + x - 4/2 = x + 4/8$

8.  $q/12 + 3q/6 = 6/3$

9.  $4p/10 - 4p/4 = 12$

10.  $4 - 8x/4 = x/2$

