Solving Equations with Rational Numbers

Quiz #2

1. $\dfrac{3}{5}x + \dfrac{5}{2} = \dfrac{2}{3}$

2. $3(x - 1) - 2(x + 3) = 0$

3. $\dfrac{3}{x+1} = \dfrac{2}{x}$

4. $3(x + 3) - 2(x - 1) = 0$

5. $4(x + 3) = 1$

6. $3x + 6 = x + 15$

Solving Equations with Rational Numbers

7. $\dfrac{x-3}{5} = 7$

8. $9(x-2) - 3x = 3$

9. $12x - 16 - 14x - 21 = 3$

10. $\dfrac{-4}{x-4} = \dfrac{3}{x+1}$

11. P = 2(l + w)   Solve for w

12. $d = rt$ Solve for t