

Brown Belt Warm-Up  
Wednesday November 8, 2006

Solve the following algebraic equations.

1.  $\frac{2}{5}x = 10$

2.  $2(2x + 5) - 4(x - 5) = 30$

3.  $\frac{4}{3x} = 8$

4.  $\frac{12}{x-2} = 6$

5.  $\frac{2}{x-2} + \frac{1}{x+2} = 2$

6.  $x^2 + 10x + 25 = 0$

$$7. x^2 + 3x + 2 = 0$$

$$8. x^2 + x - 6 = 0$$

$$9. x^2 - 36 = 0$$

$$10. x^2 + 4x = 0$$