

**Quadratics 4a – Completing the Square
Solving Quadratics Using Square Roots
Assignment #14**

1) Solve by Factoring:

a) $2x^2 + 12x - 14 = 0$

b) $16x^2 = 8x - 1$

c) $-18 = -3x^2 + 3x$

2) Solve for x:

a) $6x^2 - 384 = 0$

b) $8x^2 - 392 = 0$

c) $7x^2 - 252 = 0$

d) $6(x - 18)^2 - 384 = 0$

e) $8(x - 25)^2 - 392 = 0$

f) $7(x - 43)^2 - 252 = 0$

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