

Name _____
Homework: Quadratic (Factoring)

Date _____ Class _____
Mr. Lynch

Solve and check each of the following quadratics using factoring:

1) $x^2 - 4x - 32 = 0$

2) $x^2 + 2x - 35 = 0$

3) $x(x + 5) = 36$

4) $3x^2 + 8x + 17 = 4x^2 + 6x + 100$

5) $\frac{y}{11} = \frac{5}{y+6}$

6) $x^2 = 7x - 6$

7) $x^2 + 7x = 0$

8) $6x^2 - 24 = 0$