Solving Quadratic Equations via Roots

Name:_____

1. Solve the following.
Simplify answers as much as possible.

(A) $x^2 = 9$

(B) $x^2 = 18$

(C) $x^2 - 28 = 0$

(D) $x^2 = -9$

(E) $-x^2 = 18$

(F) $x^2 + 28 = 0$

(G) $2x^2 = 50$

(H) $3x^2 = 36$

(I) $4x^2 - 32 = 0$

(J) $(x - 4)^2 = 9$

(K) $(x + 2)^2 = 16$

(L) $(3x + 1)^2 = 25$

(M) $2(x - 1)^2 = 18$

(N) $3(x + 2)^2 = 27$

(O) $3(2x + 1)^2 = 75$