Name : _____

Completing the Square

Solve each quadratic equation by completing the square.

1) $(k + 3)^2 + 8(k + 3) = -12$

2) $12\left(\dfrac{5}{6}n - 1\right) + \left(\dfrac{5}{6}n - 1\right)^2 - 13 = 0$

3) $-8\left(\dfrac{q + 2}{2}\right) + $

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$)^2 + 8(0.5x) = 5.6$

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5) $(4r - 2)^2 + 1 = $

$) - 3 = 0$