Geometry

Name_____

Quadratic Formula

Solve each equation with the quadratic formula.

1) $m^2 + 5m - 126 = 0$

$\{9, -14\}$

2) $3n^2 + 8n + 4 = 0$

$\left\{-\dfrac{2}{3}, -2\right\}$

3) $3r^2 + 2r - 56 = 0$

$\left\{4, -\dfrac{14}{3}\right\}$

4) $x^2 - 2x - 99 = 0$

$\{11, -9\}$

5) $3x^2 - x - 10 = 0$

$\left\{2, -\dfrac{5}{3}\right\}$

6) $3n^2 - 7n - 98 = 0$

$\left\{7, -\dfrac{14}{3}\right\}$