A.REI.B.4: Solving Quadratics 9

1   What is the solution set of the equation $x^2 + 9 = 0$?

    1) $\{3, -3\}$ 3) $\{-3, -3i\}$

    2) $\{3i, -3i\}$ 4) $\{\ \}$

2   Express, in terms of i, the roots of the equation $\frac{2}{3}x^2 + 18 = 0$.

A.REI.B.4: Solving Quadratics 9
Answer Section

1 ANS: 2   REF: 080234siii
2 ANS:
$\pm 3i\sqrt{3}$

REF: 069041siii