Regents Exam Questions A.REI.B.4: Solving Quadratics 9 www.jmap.org

Name: \_\_\_\_\_

## 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