

Math C

2Sem Unit 1 Quiz [KEY]

1.  $(-5, 12)$

2.  $x = 4, 18$

3.  $f(x) = 2x^2 + 11x + 15$

4.  $(-\infty, 16]$

5.  $x = -8, 0$

6.  $x = -2, 12$

7. 1 rational

8. 2 imaginary

9.  $\emptyset$  (no real solution)

10.  $x = \frac{-3 \pm \sqrt{57}}{6}$