

Chapter 4 Test 2 Review 2**Solve**

1. $0 = x^2 + 27x + 50$

2. $x^2 - 8x + 16 = 54.$

3. $4x^2 + 3 = x$

4. $x^2 - 12x + 36 = 45.$

5. $-x^2 = -22x + 120$

6. $x^2 + 10x + 29 = 0.$

7. $0 = 4x^2 - x + 5$

8. $x^2 = 3 - 2x$

9. $3x^2 - x + 3 = 0$

10. $x^2 + 8x + 65 = 0.$

Chapter 4 Test 2 Review 2
Answer Section**SHORT ANSWER**

1. $x = -25$ or $x = -2$
2. $x = 4 \pm 3\sqrt{6}$
3. $x = \frac{1}{8} \pm \frac{\sqrt{47}}{8}i$
4. $x = 6 \pm 3\sqrt{5}$
5. $x = 10$ or $x = 12$
6. $x = -5 + 2i$ or $-5 - 2i$
7. $x = \frac{1}{8} \pm \frac{\sqrt{79}}{8}i$
8. $x = 1$ or $x = -3$
9. $x = \frac{1}{6} \pm \frac{\sqrt{35}}{6}i$
10. $x = -4 + 7i$ or $-4 - 7i$