

**Chapter 4 Test 2 Review 4****Solve**

1.  $0 = x^2 - 13x - 30$

2.  $x^2 - 12x + 36 = 20.$

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

4.  $x^2 - 8x + 16 = 20.$

5.  $-x^2 = -22x + 40$

6.  $x^2 - 4x + 8 = 0.$

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

8.  $x^2 = 32 - 4x$

9.  $2x^2 - x + 5 = 0$

10.  $x^2 - 8x + 25 = 0.$

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

1.  $x = 15$  or  $x = -2$
2.  $x = 6 \pm 2\sqrt{5}$
3.  $x = \frac{1}{6} \pm \frac{\sqrt{47}}{6}i$
4.  $x = 4 \pm 2\sqrt{5}$
5.  $x = 20$  or  $x = 2$
6.  $x = 2 + 2i$  or  $2 - 2i$
7.  $x = \frac{1}{4} \pm \frac{\sqrt{31}}{4}i$
8.  $x = 4$  or  $x = -8$
9.  $x = \frac{1}{4} \pm \frac{\sqrt{39}}{4}i$
10.  $x = 4 + 3i$  or  $4 - 3i$