

**Math 1300
Homework 19
Section 4.4**

1. 4.4.20
a. 0, 10
b. 0
c. 0, -10
d. 10
e. None of the above.

2. 4.4.16
a. -49, 49
b. -7, 7
c. -7, -7
d. -49, -49
e. None of the above.

3. 4.4.18
a. $-\frac{36}{25}, \frac{36}{25}$
b. $-\frac{25}{36}, \frac{25}{36}$
c. $-\frac{5}{6}, \frac{5}{6}$
d. $-\frac{6}{5}, \frac{6}{5}$
e. None of the above.

4. Solve by factoring.
 $x^3 - 7x^2 - 4x + 28 = 0$
a. -7, -2
b. 2, 7
c. -7, -2, 2
d. -2, 2, 7
e. None of the above.

5. Solve by factoring.
 $x^3 - x^2 - 9x + 9 = 0$
a. -3, -1
b. 1, 3
c. -3, -1, 3
d. -3, 1, 3
e. None of the above.

6. 4.4.2
a. -8, -5
b. -20, -2
c. -13, -3
d. 4, 10
e. None of the above.

7. 4.4.8
a. -10, 6
b. -2, 30
c. -20, 3
d. -4, 15
e. None of the above.

8. 4.4.10
a. -2, 2
b. $1, \frac{4}{3}$
c. -4, -1
d. 1, 4
e. None of the above.

9. 4.4.28
a. -4, -1, 6
b. -4, -3, 2
c. -1, 6
d. -3, 2
e. None of the above.

10. 4.4.32
a. -9, 2
b. -2, 0, 9
c. 0, -6, 3
d. 6, -3
e. None of the above.