Chapter 5 section 6
Equations with Decimals

Solve the equation:

1) x + 1.25 = 0.6

2) $\dfrac{y}{0.37} = -1.52$

3) -2.5x = 1.4

4) -0.02x – 3.2 = -1.75

5) -3.8x – 1.7 = -17.28

6) -4.2 + 3.6x – 4.1x = 1.86

7) -2.5x – 0.1(x – 2.3) = 8.03

8) 4.2 – 3.1x + 2x = -7.02

9) -6.3x – 0.4(x – 1.2) = -0.86

round the answer to the nearest tenth.

10) 3.1x + 4.6 = 2.5 – 2.2x

11) 4.2x – 1.25 = 3.4 + 0.71x

Page 417: Example 10
Children's tickets to the circus go on sale for $6.75. The Boys and Girls club of Eureka has $1 000 set aside to purchase thee tickets. Approximately how many tickets can the Girls and Boys club purchase?

Page 419 Example 11.
Marta has 20 feet of decorative fencing that she will use for the border of a small circular garden. Find the diameter of the circular garden, correct to the nearest tenth of a foot. Use π = 3.14