01-6-14 CC

You're probably rounding-off too early in your calculations

$3.7x^2 + 9.5x - 8.8 = 0$

$a = 3.7,\ b = 9.5,\ c = -8.8$

$b^2 - 4ac = (9.5)^2 - 4(3.7)(-8.8)$

$= (9.5)^2 + 4(3.7)(8.8)$

$= 220.49 \longrightarrow$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} = \frac{-9.5 \pm \sqrt{220.49}}{2(3.7)}$$

$$\frac{-9.5 + \sqrt{220.49}}{2(3.7)}$$

22

.7228 25092

22

$x \approx .72$

$$\frac{-9.5 - \sqrt{220.49}}{2(3.7)}$$

22

-3.290392658

22

$x \approx -3.29$

The wiggly lines are to mean approximately equal. They don't look right when I'm working vertically. Poor formatting.

ANS: $-3.29, .72$