Name_____   Date _____

Mr. Tallman

Homework #20 – One Step Equations with Decimals

Solve and check each equation. SHOW ALL WORK.

1) $-8.4 = x - 6.3$ Check	2) $12.5 = x + 3$ Check
3) $-1.2x = -9.6$ Check	4) $7.5 = -0.15x$ Check
5) $\dfrac{y}{-3.5} = 20$ Check	6) $\dfrac{z}{0.8} = -0.6$ Check

Review

7) A diver is swimming at $3\frac{1}{2}$ feet below sea level. He then ascends $2\frac{3}{4}$ feet. What is the diver's current depth?

8) Dan is on a diet and loses weight at a rate of 1.25 pounds per week. If he stays on this diet for 6.5 weeks, how much weight will Dan lose?