

Name _____

Date _____

Mr. Tallman

Homework #54 – Solving Equations with Rational Numbers

Solve the following equations. Round to the nearest hundredth if necessary.

$$1) x - \frac{2}{3} = 17$$

$$2) b - 2.7 = -38$$

$$3) \frac{3}{4}(4x - 8) = 12$$

$$4) 0.25(32n + 28) = 31$$

$$5) -\frac{1}{3}x + 3 + \frac{3}{4}x = 13$$

$$6) 0.15x + 0.8 - 0.4x = -1.2$$