Name _____ Date_____

Which value(s) from each set below make the corresponding equation true? Show how you determined your answers.

1. $14 + 7.3 = x + 12.8$ $\{5.5, 8.5, 21.3, 34.1\}$

2. $\frac{x}{12} = 4$ $\{3, 12, 24, 48\}$

3. $8x - 3x = 4x + x$ $\{1, 20, 300, 4000\}$

Name _____ Date_____

Which value(s) from each set below, if any, make the corresponding inequality true? Show how you determined your answers.

1. $x - 12 > 4 + x$ $\{12, 16, 20, 24\}$

2. $x + 9 < 14.3$ $\{3.1, 4.2, 5.3, 6.4\}$

3. $160 \geq 16c$ $\{0, \frac{1}{4}, \frac{20}{2}, 10\frac{1}{2}\}$