

Math 6 - Unit 4: Equations & Inequalities

Homework – Mixed Operation Equations

Name: _____

Class Period: 1 2 3 4 Date: _____

Solve each equation and be sure to check your answers. You MUST show all of your work to get credit.

1) $x - 7 = 18$	2) $n + 72 = 187$	3) $3m = 36$
4) $\frac{x}{10} = 7$	5) $x - 2.3 = 5$	6) $14x = 28$
7) $x + \frac{1}{2} = 2$	8) $\frac{x}{8} = 7$	9) $x - 92 = 1000$
10) $x + 42 = 50$	11) $25x = 125$	12) $\frac{x}{1.2} = 3.5$

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Solve each equation and be sure to check your answers. You MUST show all of your work to get credit.

1) $x - 7 = 18$ $x = 25$	2) $n + 72 = 187$ $n = 115$	3) $3m = 36$ $m = 12$
4) $\frac{x}{10} = 7$ $x = 70$	5) $x - 2.3 = 5$ $x = 7.3$	6) $14x = 28$ $x = 2$
7) $x + \frac{1}{2} = 2$ $x = 1\frac{1}{2}$	8) $\frac{x}{8} = 7$ $x = 56$	9) $x - 92 = 1000$ $x = 1092$
10) $x + 42 = 50$ $x = 8$	11) $25x = 125$ $x = 5$	12) $\frac{x}{1.2} = 3.5$ $x = 4.2$