

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