

Name: \_\_\_\_\_

**Homework – Monday (September 10, 2018)**

Solve the following problems **without a calculator**. You **MUST** show your work. ***NO WORK = NO CREDIT.***

1. Solve for x. $\frac{3x}{2} = 12$	2. What is the value of x in the equation? $3(x + 3) = 12$
3. What is the value of x in the equation? $x + 18 - 2 = 2$	4. Solve for x. $5 - 2x = -4 - 7$

**Homework- Tuesday (September 11, 2018)**

Solve the following problems **without a calculator**. You **MUST** show your work. ***NO WORK = NO CREDIT.***

1. Professor Jones spent \$156 to attend a UNC football game. <ul style="list-style-type: none"><li>• Twenty percent of this cost was for a parking pass.</li><li>• She spent the remainder of the money on two tickets for the game.</li></ul> What was the price per ticket?	2. Solve for m. $5 - 3m = -7$
3. What is the value of p in the equation? $2(3p - 4) = 10$	4. What is the value of x in the equation? $\frac{2}{5}x - 7 = -3$

**Homework - Wednesday (September 12, 2018)**

Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

<p>1. Solve for x.</p> $\frac{2}{3}x - 1 = 5$	<p>2. What is the solution of the equation?</p> $2(x - 3) + 1 = 19$
<p>3. Jaden spends \$450 on monthly bills. Of this total amount, 12% is for phone service, 1/10 is for Internet service, and 2/9 is for utilities. If the rest of the total amount is for food, how much does Jaden have for food?</p>	<p>4. Solve for x.</p> $\frac{x + 4}{16} = \frac{1}{2}$

**Homework - Thursday (September 13, 2018)**

Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

<p>1. What is the solution of the equation?</p> $5x + 7 = 2x - 2$	<p>2. Solve for y.</p> $6 - 3y = -9 + 2y$
<p>3. Solve for x.</p> $3(x - 8) = x + 4$	<p>4. Solve for y.</p> $7(y - 2) = 5(y + 4)$