name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ block \_\_\_\_\_ Week x Week #26: 3/17 – 3/24, 2017

Solve each problem. Make sure that you show ALL WORK involved in solving the problem in order to get full credit.

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| Write the equation of Line 1 in slope-intercept form:Write the equation of Line 2 in slope-intercept form: | Cameron bought a snowboard with a regular price of $295. It was on sale at a 25% discount. What was the sale price of the snowboard?*If* $-8+ \frac{x}{7}=16$*, find the value of* $\frac{x}{4}$*.* | If there was an 8% sales tax on the sale price of Cameron’s snowboard, how much did he spend to buy the snowboard?Simplify each expression completely:• 15d – 6(2d – 5) – 7 • -2(4n – 1) + 15• 9 – 4(7 – 2x) |

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| What is the slope of a line that passes through the points (5, -2) and (0, -10)?Solve the following system ofequations:$$\left\{\begin{array}{c}y=8x-3\\y=2x+15\end{array}\right.$$ | Solve:3(5 + x) + 3x = 2 – 7xWrite the equation of a line that passes through the point (2,-6) and has a slope of 3.Simplify:* ((n2)3)5
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