Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_ HomeFUN Qrt. 3 Feb. 21 – Feb. 24, 2017

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| **Tuesday 2.21.17:** Use the graph to find the slope, y-intercept, & write the equation of the line.Slope (m) \_\_\_\_\_\_\_\_\_\_\_\_\_ Slope (m) \_\_\_\_\_\_\_\_\_\_\_\_\_ Slope (m) \_\_\_\_\_\_\_\_\_\_\_\_\_Y-intercept(b)\_\_\_\_\_\_\_\_\_\_ Y-intercept(b)\_\_\_\_\_\_\_\_\_\_ Y-intercept(b)\_\_\_\_\_\_\_\_\_\_Equation(y = mx + b) \_\_\_\_\_\_\_\_\_\_\_ Equation(y = mx + b) \_\_\_\_\_\_\_\_\_\_\_ Equation(y = mx + b) \_\_\_\_\_\_\_\_\_\_  |
| **Wednesday 2.22.17:** Read each question & answer it with detail. Show ALL work! |
| **Thursday 2.23.17:** Read each question & answer it with detail. Show ALL work!Roberto owns a carpet cleaning service. He charges a $100 service charge plus $35 per room. Write an equation in slope intercept form that represents the relationship between the total cost of a cleaning job, y, and the number of rooms Roberto cleans, x.John entered a hot dog eating contest. If he wins, he will receive a grand prize of $500 plus $20 for every hot dog he eats. If John uses the equation y = 20h + 500, how many hot dogs did John eat if he won a total of $1100?You are visiting Washington, DC and a taxi company charges a flat fee of $3.00 for using the taxi and $0.75 per mile.1. Write an equation in slope intercept form that you can use to find the cost of a taxi ride in Washington, DC.
2. How much would a taxi ride cost for 8 miles?
3. If a taxi ride cost $15, how many miles did the taxi travel?
4. B. C.
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