**Lesson 3 Homework Practice: *Real-Life Slope***

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| **Question 1:** *Use the information below to answer all parts for question 1*  **CLEANING SERVICE** A cleaning service company charges $75 for 2 hours of service and $135 for 4 hours of service. How much does the cleaning service change for each hour? | **Question 2:** *Use the information below to answer all parts for question 1*  **BABY-SITTING** If you babysit for 5 hours, you make $60. If you babysit for 7 hours you make $84. How much do you charge per hour? |
| 1. Let statements   **Let x =\_\_\_\_\_\_\_\_\_\_\_\_ Let y =\_\_\_\_\_\_\_\_\_\_\_\_** | 1. Let statements   **Let x =\_\_\_\_\_\_\_\_\_\_\_\_ Let y =\_\_\_\_\_\_\_\_\_\_\_\_** |
| 1. Identify and label coordinates   **#1( , ) #2( , )** | 1. Identify and label coordinates   **#1( , ) #2( , )** |
| 1. Find the slope: ***Show all work*** | 1. Find the slope: ***Show all work*** |
| 1. Write a real-life sentence to represent the slope | 1. Write a real-life sentence to represent the slope |
| 1. Is this line proportional/Non-Proportional? ***Show work/Explain*** | 1. Is this line proportional/Non-Proportional? ***Show work/Explain*** |
| 1. **EXTENTION:** If it is not proportional, what do you think the fee is for the cleaning service? | 1. **EXTENTION:** Do you charge a travel fee for babysitting? If so, how much? |



**In a basketball game, Benito scored 3 points less than twice the number of points Carnell scored. Carnell scored 8 points. How many points did Benito score?**

**F.** 5 points **G.** 11 points **H.** 13 points **I.** 16 points