Proportional Relationship Handout

Bo the Do Now and Alexxa Problem are on this one sheet, when it is time to complete them, you will be directed by Mrs. Cole.

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| Do Now: Use the table to demonstrate your ability to write a general equation. | |
| General Equation: | |
| X | Y |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 7 |

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| --- | --- | --- |
| **Consider the following word problem:**  *Alexxa walked from Grand Central Station (GCS) on 42 nd Street to Penn Station on 7 th Avenue. The total distance traveled was 1.1 miles. It took Alexxa 25 minutes to make the walk. How many miles did she walk in the first 10 minutes?* | | |
| There is a proportional relationship here, what are the units?   |  |  | | --- | --- | |  |  | | | |
| Use the units you wrote above to create a table that shows how far Alexxa would walk in 2, 5 and 10 minutes. | | |
| Title of your table: | | |
|  |  | Write the “graphing” variables for each of your units |
|  |  | Draw and label the Axis of the Graph in this space. |
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