2. Ms. Rodriguez starts out for school at 5:00 AM and drives 15 miles in 10 min. She then stops for 30 minutes at Starbucks for a coffee. She continues driving, but there is traffic. She travels 20 minutes and covers 10 miles and arrives at school.

Draw a graph with the distance on the vertical axis and time on the horizontal axis.

***\*\*On a separate sheet of paper***

Then fill out the table below:

|  |  |  |
| --- | --- | --- |
| Part of Trip | Equation | Domain |
| Driving Part 1 |  |  |
| Starbucks Stop |  |  |
| Driving with Traffic |  |  |

What time does she arrive at school?

What is the range of the problem and what does it mean in context of the situation?

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|  |  |
| --- | --- |
| x | y |
| -12 |  |
| -4 | -8 |
|  | 1 |
| 20 |  |
| 32 | 19 |

What is the equation modeled by this chart?

Fill in the missing values.

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