2. Ms. Brauer starts out for school at 5:30 AM and drives 10 miles in 15 min. She then stops for 30 minutes at Dunkin Donuts for a coffee. Afraid that she might be late for school, she continues driving a little faster for another 20 minutes and covers 18 miles at which point her car breaks down. From that point, she jogged the remaining 3 miles to school in 45 minutes.

Draw a graph with the distance on the vertical axis and time on the horizontal axis. (On a seperate sheet of paper)

Then fill out the table below:

|  |  |  |
| --- | --- | --- |
| Part of Trip | Equation | Domain |
| Driving Part 1 |  |  |
| Dunkin Donuts Stop |  |  |
| Fast Driving |  |  |
| Jogging |  |  |

What time will she arrive at school?

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| Dunkin Donuts Stop |  |  |
| Fast Driving |  |  |
| Jogging |  |  |

What time will she arrive at school?

1. Fill in the missing information for the chart.



|  |  |  |
| --- | --- | --- |
| Part of Graph | Equation | Domain |
| From A to B |  |  |
| From B to C |  |  |
| From C to D |  |  |
| From D to E |  |  |
| From E to F |  |  |

Fill in the missing information for the chart.



|  |  |  |
| --- | --- | --- |
| Part of Graph | Equation | Domain |
| From A to B |  |  |
| From B to C |  |  |
| From C to D |  |  |
| From D to E |  |  |
| From E to F |  |  |