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| CORNELL NOTES TEMPLATE | NAME |
| John Smith |
| DATE |
| mm/dd/yyyy |
| SUBJECT |
| Algebra |
| TOPIC |
| Distance Formula |
| OBJECTIVE |
| To understand how to multiply |
| ESSENTIAL QUESTION |
| How distance is computed? |
| **MAIN IDEAS** | **NOTES** |
| What is the distance | The distance formula calculates distance based on speed and time. |
| formula? | Distance = Speed x Time |
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| Example 1 | How far will a train travel at 85 mph for 4 hours? |
|  | Distance = ? |
|  | Speed = 85 mph |
|  | Time = 4 hours |
|  | Distance = 85 mph x 4 hours |
|  | Distance = 340 miles |
|  |  |
| Example 2 | How far will a truck travel at 65 mph for 3.5 hours? |
|  | Distance = ? |
|  | Speed = 65 mph |
|  | Time = 3.5 hours |
|  | Distance = 65 mph x 3.5 hours |
|  | Distance =227.5 miles |
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| **SUMMARY** |
| The distance formula measures distance based on speed and time.  |
| Distance = Speed x Time |
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