

Bus Routes

A Five-Minute Logic Problem Presented By:

Kentucky Crosswords

Central City has four main bus routes that pass through the downtown station in the mornings. Each bus makes one scheduled stop at the terminal, including the North Main St. to South Main St. bus which arrives at the terminal at 7:10 a.m.

From the information provided, determine the arrival time of each bus at the station, the route each runs, and the number of each bus, one of which is the #5.

- The #9 bus arrives 35 minutes after the bus that runs the Southwest Ave. to Northeast Ave. route.
- The bus that runs from Northwest Ave. to Southeast Ave. arrives one hour and ten minutes after the Eastside Ave. to Westside Ave. bus, which arrives one hour and 55 minutes after the #13.
- The #7 arrives at 8:30 a.m., one hour and 45 minutes before the last bus of the morning arrives at the terminal.

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"BUS ROUTES" SOLUTION

| <u>BUS #</u> | <u>TIME</u> | <u>ROUTE</u> |
|--------------|-------------|------------------------------------|
| 13 | 7:10 A.M. | NORTH MAIN TO SOUTH MAIN |
| 7 | 8:30 A.M. | SOUTHWEST AVE. TO NORTHEAST AVENUE |
| 9 | 9:05 A.M. | EASTSIDE AVE. TO WESTSIDE AVE. |
| 5 | 10:15 A.M. | NORTHWEST AVE. TO SOUTHEAST AVE. |

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