**Answer the following riddle by solving for the missing variable in each problem. Use your knowledge of parallel lines to help.**

**Riddle:** Why did the two 4’s skip lunch?

|  |  |
| --- | --- |
| 1  2x-43  x-3    re | 2  x + 90  2x+40  ig |
| 3  x +30  th | 4  4x-60      ad |
| 5  x +100  2x    ye | 6  49  ey |
| 7  99  al | 8  x  53    ht |

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6 6 7 7 9 9 40 40 20 20 100 100 50 50 127 127