

ENGINEERING LOGIC PUZZLE ANSWERS

We know that the Software Engineer started 2nd (clue 1), so we can add this to the grid and the table. Ben is a Mechanical Engineer (clue 3) and started working 1st (clue 6). Danielle enjoys solving problems (clue 7). The Aerospace Engineer started straight after the Electronic Engineer (clue 5). We know that the Mechanical Engineer is 1st followed by the Software Engineer, therefore the Electronic Engineer must have started 3rd, followed by the Aerospace Engineer. We now have the orders of all the types of Engineers, so can add these to the table.

We know that Amy is not an Electronic Engineer (example clue) and that she is not a Mechanical Engineer (as Ben is). So she is either an Aerospace Engineer or a Software Engineer. We also know that Amy started working after Danielle (clue 8). The Software Engineer started 2nd, after Ben who started 1st. Therefore Amy cannot be the Software Engineer as the Software Engineer cannot have started work after Danielle. Hence Amy is the Aerospace Engineer. By process of elimination, Danielle must be either the Electronic Engineer or the Software Engineer. We also know that the Electronic Engineer enjoys the fact that every day is different (clue 4) and that Danielle enjoys solving problems (clue 7). Therefore Danielle cannot be the Electronic Engineer, she must be the Software Engineer. As a result, Chris must be the Electronic Engineer.

Finally, we know that the Engineer who enjoys solving problems started before the Engineer who likes working in a team (clue 2). Danielle enjoys solving problems and started 2nd, so either the Engineer who started 3rd or 4th likes working in a team. We already know that Chris who started 3rd enjoys the fact that every day is different, so by process of elimination, Amy who started 4th must like working in a team. That leaves Ben left, who must enjoy the fact that he can test new technology.

| | Aerospace Engineer | Mechanical Engineer | Electronic Engineer | Software Engineer | Solving problems | Working in a team | Every day is different | Testing new technology | 1st | 2nd | 3rd | 4th |
|------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Amy | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ben | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Chris | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Danielle | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 1st | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 2nd | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 3rd | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| 4th | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | |
| Solving problems | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| Working in a team | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| Everyday is different | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |
| Testing new technology | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | | |

Fill in your answers here:

| Name | Type of Engineer | Favourite Part of Work | Order of Starting Work |
|----------|---------------------|------------------------|------------------------|
| Danielle | Software Engineer | Solving problems | 2nd |
| Ben | Mechanical Engineer | Testing new tech | 1st |
| Chris | Electronic Engineer | Every day is different | 3rd |
| Amy | Aerospace Engineer | Working in a team | 4th |

