

# Logic Puzzle: Pets and Colors

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Put an X in a box when a clue tells you something is false, and a circle when it is true. Each row and column has exactly one circle.

Nora, Ivy and Owen each have a different pet and a different favorite color. Use the clues to find out who has which pet and which color each kid likes best.

1. The kid with the rabbit also likes blue best.
2. Ivy does not like yellow best.
3. The kid with the dog also likes purple best.
4. Owen does not have the cat.
5. Ivy does not like blue best.

|        | Pet |     |        | Color  |      |        |
|--------|-----|-----|--------|--------|------|--------|
|        | dog | cat | rabbit | purple | blue | yellow |
| Nora   |     |     |        |        |      |        |
| Ivy    |     |     |        |        |      |        |
| Owen   |     |     |        |        |      |        |
| purple |     |     |        |        |      |        |
| blue   |     |     |        |        |      |        |
| yellow |     |     |        |        |      |        |

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## Answer Key

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|        | Pet                                                                                 |                                                                                     |                                                                                     | Color                                                                               |                                                                                     |                                                                                     |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|        | dog                                                                                 | cat                                                                                 | rabbit                                                                              | purple                                                                              | blue                                                                                | yellow                                                                              |
| Nora   |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |  |
| Ivy    |  |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |
| Owen   |                                                                                     |                                                                                     |  |                                                                                     |  |                                                                                     |
| purple |  |                                                                                     |                                                                                     | <b>Solution:</b><br>Nora: cat, yellow<br>Ivy: dog, purple<br>Owen: rabbit, blue     |                                                                                     |                                                                                     |
| blue   |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |
| yellow |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |