



15. The four statements in the box on the right refer to a mother and her four daughters. One statement is true, three statements are false. Who is the mother?

Alice is the mother.
Carol and Ella are both daughters.
Beth is the mother.
One of Alice, Diane or Ella is the mother.

- A Alice B Beth C Carol D Diane E Ella

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15. **E** Number the four statements in order from the top. If Alice is the mother, then statements 1 and 4 are both true. If Beth is the mother, then statements 2 and 3 are both true. If Carol is the mother, then all four statements are false. If Diane is the mother, then statements 2 and 4 are both true. However, if Ella is the mother then statements 1, 2 and 3 are false and statement 4 is true, as required.