

Aunt Anna is 42 years old. Caitlin is 5 years younger than Brianna, and Brianna is half as old as Aunt Anna. How old is Caitlin?

- (A) 15    (B) 16    (C) 17    (D) 21    (E) 37

**2000 AMC 8, Problem #1—**

**“Brianna is half as old as Aunt Anna who is 42, and Caitlin is 5 years younger than Brianna.”**

**Solution**

**Answer (B):** Brianna is half as old as Aunt Anna, so Brianna is 21 years old. Caitlin is 5 years younger than Brianna, so Caitlin is 16 years old.

**Difficulty:** Easy

**NCTM Standard:** Number and Operations Standard for Grades 6-8: model and solve contextualized problems using various representations, such as graphs, tables, and equations.

**Mathworld.com Classification:** Number Theory > Arithmetic > Multiplication and Division > Division  
Number Theory > Arithmetic > Addition and Subtraction > Subtraction