

Correct. If j = Jimmy's age, then $2j$ = his sister's age, and $j + 5$ = his brother's age. The sum of these is 29, so $j + 2j + j + 5 = 29$. This simplifies to $4j + 5 = 29$. Subtract 5 from both sides: $4j = 24$. Divide both sides by 4: $j = 6$. His brother is 5 years older, or 11 years old.