

You tried to combine $-2b$ and $2b^2$, as well as 4 and $5b$, but these are unlike terms and cannot be combined. Regroup by like terms to get $6b^3 + 2b^2 + (-2b + 5b) + (4 + (-1))$. The correct answer is $6b^3 + 2b^2 + 3b + 3$.