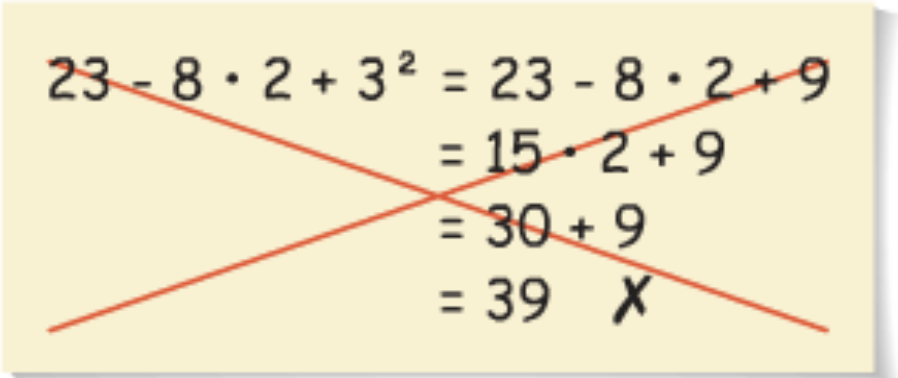


Homework Question

Explain the error or errors this student made and show him how you would solve it correctly.

8. **Error Analysis** A student simplifies an expression as shown below. Find the error and simplify the expression correctly.


$$\begin{aligned} 23 - 8 \cdot 2 + 3^2 &= 23 - 8 \cdot 2 + 9 \\ &= 15 \cdot 2 + 9 \\ &= 30 + 9 \\ &= 39 \quad \times \end{aligned}$$