To multiply $2\sqrt{7}$ by $3\sqrt{5}$, we multiply _____ by 3 and then multiply _____ by _____.

A) $\sqrt{5} \cdots 2 \cdots \sqrt{7}$

B) $2 \cdots \sqrt{7} \cdots \sqrt{5}$

C) $7 \cdots \sqrt{2} \cdots \sqrt{5}$

D) $2 \cdots 7 \cdots 5$

To multiply $2\sqrt{7}$ by $3\sqrt{5}$, we multiply $\underline{2}$ by 3 and then multiply $\underline{\sqrt{7}}$ by $\underline{\sqrt{5}}$.

Answer **B**.