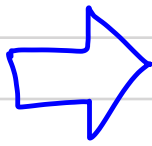


Multiplying Radicals (Expressions)

mult.
insides



simplify

① $\sqrt{15} \sqrt{5}$
 $\sqrt{15 \cdot 5}$
 $\sqrt{75}$
 $\sqrt{25 \cdot 3}$
 $\boxed{\sqrt{5} \sqrt{3}}$

② $\sqrt{7x^2} \sqrt{7x^5}$
 $\sqrt{7x^2 7x^5}$
 $\sqrt{49x^7}$
 $\sqrt{49} \sqrt{x^7} \rightarrow \sqrt{x^6 x^1}$
 $\boxed{7x^3 \sqrt{x}}$

③ $\sqrt{x} \sqrt{x+1}$
 $\sqrt{x(x+1)}$
 $\boxed{\sqrt{x^2+x}}$

④ $\sqrt{x} \sqrt{x+y}$
 $\sqrt{x^2+xy}$

⑤ $\sqrt{x+2} \sqrt{x+1}$
 $\sqrt{(x+2)(x+1)}$

	x	2
x	x^2	$2x$
1	x	2

$x^2+2x+x+2$
 $\boxed{\sqrt{x^2+3x+2}}$