

$2\sqrt{294}$ $2(7\sqrt{6})$ $14\sqrt{6}$	$(5\sqrt{5x^3})(3\sqrt{5x^2})$ $15\sqrt{25x^5}$ $= 15(5x^2)\sqrt{x}$ $= 75x^2\sqrt{x}$
$\sqrt{50x^3} - 5x\sqrt{2x}$ $= 5x\sqrt{2x} - 5x\sqrt{2x}$ $= 0$	$\frac{8\sqrt{8}}{-2\sqrt{2}} = -4\sqrt{4}$ $= -8$
$(6\sqrt{2x})^2 = 36(2x)$ $= 72x$	$\frac{8}{\sqrt{2}} - \frac{4}{2\sqrt{2}}$ $\frac{8\sqrt{2}}{2} - \frac{4\sqrt{2}}{4}$ $= \frac{16\sqrt{2}}{4} - \frac{4\sqrt{2}}{4}$ $= \frac{12\sqrt{2}}{4} = 3\sqrt{2}$
$-2\sqrt[3]{192}$ $-2(2\sqrt{73})$ $= -4\sqrt{73}$	<p>Change <math>3\sqrt{52}</math> to an entire radical.</p> $\sqrt{(52)(3)(3)}$ $= \sqrt{312}$