

$(2\sqrt{3})(4\sqrt{5})$ $8\sqrt{15}$	$\frac{5x}{\sqrt{5x}} \left(\frac{\sqrt{5x}}{\sqrt{5x}} \right) = \frac{5x \sqrt{5x}}{5x}$ $= \sqrt{5x}$
$(2\sqrt{x})(3\sqrt{2x})$ $6\sqrt{2x^2}$ $= 6x\sqrt{2}$	$(3 - \sqrt{x})^2 = 9 - 2\sqrt{x} + x$
$\sqrt[3]{135} = 3\sqrt[3]{5}$	$\frac{\sqrt{80} + 2\sqrt{3}}{3\sqrt{5}} = \left(\frac{4\sqrt{5} + 2\sqrt{3}}{3\sqrt{5}} \right) \left(\frac{\sqrt{5}}{\sqrt{5}} \right)$ $= \frac{20 + 2\sqrt{15}}{15}$
$\sqrt{12}(\sqrt{2} + \sqrt{3} - \sqrt{12})$ $\sqrt{24} + \sqrt{36} - 12$ $2\sqrt{6} + 6 - 12$ $= 2\sqrt{6} - 6$	$\frac{\sqrt{24}}{\sqrt{3}} = \sqrt{8}$ $= 2\sqrt{2}$
$\sqrt{9x} + 5\sqrt{16x}$ $3\sqrt{x} + 20\sqrt{x}$ $23\sqrt{x}$	$\frac{\sqrt{27x} + \sqrt{3x}}{\sqrt{3x}} = \frac{3\sqrt{3x} + \sqrt{3x}}{\sqrt{3x}}$ $= \frac{4\sqrt{3x}}{\sqrt{3x}}$ $= 4$