

Simplify. a. $(3\sqrt{5} - 2\sqrt{3})(2 +$ 65 + 315 - 413 - 219 -2(3) 615+315-413 (On jugates b. (5√ + 6) X-2 Xt2 3x+4 3x-4 2559 +3053 -3053 -36 25(3)75-36

March 05 2013 8th.gwb - 3/5 - Tue Mar 05 2013 14:43:15

$$\frac{5}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{3}} = \frac{5\sqrt{3}}{\sqrt{5}} \cdot \frac{5\sqrt{3}}{\sqrt{5}} = \frac{5\sqrt{3}}{\sqrt{5}} \cdot \frac{5\sqrt{3}}{\sqrt{5}} = \frac{\sqrt{2}}{\sqrt{5}} \cdot \frac{5\sqrt{3}}{\sqrt{5}} = \frac{\sqrt{2}}{\sqrt{5}} \cdot \frac{5\sqrt{3}}{\sqrt{5}} = \frac{\sqrt{2}}{\sqrt{5}} \cdot \frac{\sqrt{2}}{\sqrt{5}} = \frac{\sqrt{2}}{\sqrt{5}} \cdot \frac{\sqrt{2}}{\sqrt{5}} = \frac{\sqrt{2}}{\sqrt{5}} \cdot \frac{\sqrt{2}}{\sqrt{5}} = \frac{\sqrt{5}}{\sqrt{5}} = \frac{\sqrt{5}}{\sqrt$$

Simplify $\frac{1 - \sqrt{3}}{5 + \sqrt{3}} = \frac{5 - \sqrt{3}}{5 - \sqrt{3}}$ ø $5 - \sqrt{3} - 5\sqrt{3} + \sqrt{4}$ 25 -583+583 $= \frac{8 - 6\sqrt{3} + 2}{22 - 2}$

b. 413-414 18-19, 22-23, 34-36, 38-46 Mm, 49, 52-53, 55, 57, 60, 62-63, 72-79 (no calculator)