



START

$$(6 - \sqrt{6})(-5 + 3\sqrt{6})$$

$$266 - 98\sqrt{3}$$

$$(6\sqrt{6} + \sqrt{2})(-7\sqrt{6} - 7\sqrt{2})$$

# multiplying radicals

level 3

$$(3\sqrt{6} - 5)^2$$

$$-266 - 98\sqrt{3}$$

$$-9 - 2\sqrt{6}$$

$$(\sqrt{6} - 5)(\sqrt{6} + 3)$$

$$(6\sqrt{3} + \sqrt{5})(\sqrt{3} + \sqrt{5})$$

$$(\sqrt{5} + 8\sqrt{7})(-5\sqrt{5} + \sqrt{7})$$

$$(5\sqrt{5} + \sqrt{7})(\sqrt{5} - 7\sqrt{4})$$

$$(\sqrt{5} + \sqrt{6})(\sqrt{5} - 5\sqrt{6})$$

$$-48 + 3\sqrt{12}$$

$$-48 + 23\sqrt{6}$$

$$(3\sqrt{6} - 5)^2$$

$$-266 - 98\sqrt{3}$$

$$-9 - 2\sqrt{6}$$

$$(\sqrt{6} - 5)(\sqrt{6} + 3)$$

$$(\sqrt{2} + \sqrt{5})(-8\sqrt{2} + \sqrt{3})$$

$$-16 + \sqrt{6} - 8\sqrt{10} + \sqrt{15}$$

FINISH

$$(-4\sqrt{2} + 3)(\sqrt{2} + 1)$$

$$(-4 + \sqrt{6})(5 + \sqrt{6})$$

$$23 + 7\sqrt{15}$$

$$31 - 39\sqrt{35}$$

$$-25 - 39\sqrt{35}$$

$$25 - 70\sqrt{5} + \sqrt{35} - 14\sqrt{5}$$

$$25 - 70\sqrt{5}$$

$$-5 - \sqrt{2}$$

$$-14 + \sqrt{6}$$

$$-16 + \sqrt{6}$$

$$(\sqrt{2} - 7\sqrt{5})(-6\sqrt{2} + \sqrt{5})$$

$$12 + \sqrt{21} + 72\sqrt{2} + 6\sqrt{42}$$

$$(\sqrt{7} - 6)(\sqrt{7} + 5)$$

$$-21 + 21\sqrt{2}$$

$$47 - 43\sqrt{10}$$

$$-47 + 43\sqrt{10}$$

$$(-7 + 8\sqrt{5})(7 + \sqrt{5})$$

$$(\sqrt{3} + 6\sqrt{6})(4\sqrt{3} + \sqrt{7})$$

$$(-5\sqrt{2} - 5)(\sqrt{2} - 2)$$

$$(\sqrt{2} + 3)(6\sqrt{2} + 3)$$

$$(\sqrt{7} + \sqrt{6})^2$$

$$13 + 2\sqrt{42}$$

$$-9 + 49\sqrt{5}$$

$$(\sqrt{3} + 6\sqrt{6})(4\sqrt{3} + \sqrt{7})$$

$$5\sqrt{2}$$

$$(-4 + \sqrt{2})(4 + \sqrt{2})$$

$$1 - 14\sqrt{2}$$

$$(-5 - \sqrt{3})(1 + \sqrt{3})$$