

Expanding Surds (A)

Expand $(2 + 3\sqrt{4})(5 + 3\sqrt{4})$

Expand $(1 - 4\sqrt{5})(1 + 6\sqrt{5})$

Expand $(2 - 5\sqrt{5})(4 - 6\sqrt{5})$

Expand $(5 - 6\sqrt{5})(2 - 2\sqrt{5})$

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

Expand $(3 + \sqrt{6})(4 - \sqrt{6})$

Expanding Surds (B)

Expand $(3 + 4\sqrt{3})(4 + 2\sqrt{3})$

Expand $(2 - 5\sqrt{4})(5 - 3\sqrt{4})$

Expand $(5 - 3\sqrt{5})(4 + 2\sqrt{5})$

Expand $(4 - 2\sqrt{6})(3 - 6\sqrt{6})$

Expand $(4 + \sqrt{3})(6 - \sqrt{3})$

Expand $(6 + 6\sqrt{2})(1 + 3\sqrt{2})$

Expanding Surds (C)

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

Expand $(6 + 3\sqrt{4})(5 - 3\sqrt{4})$

Expand $(4 + 5\sqrt{5})(1 - \sqrt{5})$

Expand $(5 - 3\sqrt{4})(4 + \sqrt{4})$

Expand $(2 + \sqrt{4})(6 - 2\sqrt{4})$

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

Expanding Surds (D)

Expand $(4 + 3\sqrt{2})(4 + 4\sqrt{2})$

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

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

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

Expand $(4 - 4\sqrt{6})(1 - 4\sqrt{6})$

Expand $(5 + 3\sqrt{5})(1 + 2\sqrt{5})$

Expanding Surds (E)

Expand $(3 + 3\sqrt{4})(4 - \sqrt{4})$

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

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

Expand $(3 + 3\sqrt{4})(6 + 2\sqrt{4})$

Expand $(3 - \sqrt{5})(1 - 2\sqrt{5})$

Expand $(2 + 3\sqrt{4})(2 + 4\sqrt{4})$

Expanding Surds (F)

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

Expand $(4 + \sqrt{4})(1 - 4\sqrt{4})$

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

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

Expand $(6 + 5\sqrt{6})(3 + 2\sqrt{6})$

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

Expanding Surds (G)

Expand $(6 + 2\sqrt{4})(4 - 4\sqrt{4})$

Expand $(2 - 2\sqrt{6})(6 - 6\sqrt{6})$

Expand $(6 + 4\sqrt{5})(5 + 3\sqrt{5})$

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

Expand $(6 - 2\sqrt{3})(2 - 2\sqrt{3})$

Expand $(4 + 5\sqrt{2})(5 - 5\sqrt{2})$

Expanding Surds (H)

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

Expand $(5 - 6\sqrt{4})(3 - 6\sqrt{4})$

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

Expand $(4 - \sqrt{6})(1 + 6\sqrt{6})$

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

Expand $(2 - 6\sqrt{2})(5 + 4\sqrt{2})$

Expanding Surds (I)

Expand $(2 - \sqrt{6})(1 - 4\sqrt{6})$

Expand $(6 - 2\sqrt{4})(2 + \sqrt{4})$

Expand $(6 - 6\sqrt{6})(1 + 4\sqrt{6})$

Expand $(1 - 4\sqrt{2})(2 - \sqrt{2})$

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

Expand $(6 + 2\sqrt{4})(5 + 2\sqrt{4})$

Expanding Surds (J)

Expand $(4 + 5\sqrt{3})(6 - 2\sqrt{3})$

Expand $(1 + \sqrt{4})(5 + \sqrt{4})$

Expand $(5 + 6\sqrt{4})(5 - 3\sqrt{4})$

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

Expand $(4 + \sqrt{4})(4 - 3\sqrt{4})$

Expand $(4 + 5\sqrt{2})(5 - 6\sqrt{2})$