

Ejercicio #3

$$1) \frac{3 + \sqrt{8}}{5} = 1.16 \quad \checkmark$$

$$2) \frac{7 - \sqrt{3}}{2} = 2.68 \quad \checkmark$$

$$3) \frac{4}{7 - \sqrt{2}} = 0.71 \quad \checkmark$$

$$4) \frac{1}{1 + \sqrt{2}} = 0.41 \quad \checkmark$$

$$5) \frac{9 + \sqrt{15}}{11 - \sqrt{3}} = 1.39 \quad \checkmark$$

$$6) \frac{15 - \sqrt{75}}{1 + \sqrt{115}} = 0.54 \quad \checkmark$$

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$$7) \frac{7 + \sqrt{68}}{16 - \sqrt{35}} + (\sqrt{5})^4 = 26.51 \quad \checkmark$$

$$8) \sqrt{\frac{\sqrt{6 \cdot 18}}{(\sqrt{8})^3 \cdot \sqrt{3}}} = \frac{\sqrt{108}}{\sqrt{39.15}} = \frac{10.39}{6.26} = 1.65$$

$\sqrt{512} \cdot \sqrt{1.73}$
 $22.63 \cdot 1.73$

$$9. \frac{(\sqrt[3]{\sqrt{735,091}})^2}{(\sqrt{49+4})} = 0.23$$

$$10. \frac{25 + \sqrt{42}}{77 + \sqrt{45}} * (\sqrt{3})^3 = 6.90$$

$$11. \sqrt{\frac{36}{49}} * \sqrt{\frac{14,884}{24,025}}$$

$$\sqrt{0.13} * \sqrt{0.62} = 0.85 * 0.79 = \underline{\underline{0.67}}$$

$$12. (\sqrt{\sqrt{50,625}})^2 = \underline{\underline{225}}$$

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Raiz de Raiz.

$$\sqrt[2 \times 2 \times 2]{\sqrt{\sqrt{\sqrt{45,679}}}}$$

$$8 = \sqrt[8]{45,679}$$

3.82

$$13. (\sqrt{\sqrt{8}})^3 + \sqrt[3]{729}$$

$$(\sqrt{2.83})^3 + 9$$

$$(1.68)^3 + 9$$

$$4.76 + 9 = \underline{\underline{13.76}}$$

$$14. \left(\frac{\sqrt{\sqrt{707,281}}}{\sqrt{218. + 125}} \right)^3$$

$$\frac{(\sqrt{891})^3}{(\sqrt{343})^3} = \frac{(29)^3}{7}$$

$$\frac{24389}{7} = \underline{\underline{3,484.14}}$$

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$$15. \sqrt{\frac{\sqrt{36+3}}{\sqrt{4}}^3 + \sqrt{9}}$$

$$\sqrt{\frac{\sqrt{108}}{8 \times 3}} + (\sqrt{25})^3$$

$$\sqrt{0.43} + 125$$

$$0.66 + 125 =$$

$$\underline{\underline{125.66}}$$

STUDIO