

Astrid Juridico

$$15 \sqrt{\frac{\sqrt{36 \times 3}}{(\sqrt{4})^3 \times \sqrt{9}}} + (\sqrt{16+9})^3$$

$$\frac{\sqrt{\sqrt{108}}}{27 \times 3} - \sqrt{25}^3$$

$$\sqrt{\frac{10 \times 39 + 5^3}{24}}$$

$$\sqrt{0.43} + 125 = 0.657 + 125 = 125.652$$

$$11) \sqrt{\frac{36}{49}} \times \sqrt{\frac{14.884}{24,025}}$$

$$\frac{6}{7} \times \frac{122}{155} = 0.86 \times 0.79 = 0.68$$

$$12) (\sqrt{\sqrt{50.625}})^2$$

$$\sqrt{50.625} = 225$$

$$13) (\sqrt{\sqrt{8}})^3 + \sqrt[3]{429}$$

$$4.76 \times 27 = 31.76$$

$$14) \frac{(\sqrt{\sqrt{707,287}})^3}{(\sqrt[3]{278+125})}$$

$$\frac{24,389}{131.02} = 186.15$$

15.

$$6 \frac{75 - \sqrt{45}}{7 + \sqrt{115}} \cdot \frac{75 - 8.66}{7 + 10.42} = \frac{22.34}{11.42} = 0.34$$

$$7 \frac{7 + 68}{16 - \sqrt{35}} + (\sqrt{5})^4 \quad \frac{15: 25 + 25}{10.08}$$

$$\frac{7 + 8.25}{16 - 5.92} + 25 \quad 1.57 + 25 = 26.57$$

$$8 \sqrt{\frac{\sqrt{6 \times 18}}{(\sqrt{8 \div 1}) \sqrt{3}}} \quad \sqrt{\frac{108}{2}} \div \sqrt{1.73}$$

$$\frac{10.89}{3.46} = 3.002$$

$$9 \left(\frac{\sqrt[3]{\sqrt{435,091}}}{(49 + 4)^3} \right)^2 \quad \sqrt{\frac{753097}{03}} = \frac{90.25}{355.83} = 0.23$$

$$10 \frac{25 + \sqrt{42}}{17 + \sqrt{45}} + (\sqrt{3})^3 \quad \frac{25 + 6.48}{17 + 2.24} \div 5.20 = 1.33 \div 5.20 = 0.25$$

$$\frac{31.48}{23.77} \div 5.20 = 1.33 \div 5.20 = 0.25$$

Numeros irracionales

$$1) \frac{3 + \sqrt{8}}{5}$$

$$\frac{3 + 2.82}{5}$$

$$\frac{5.82}{5}$$

$$= 1.164$$

$$2) \frac{7 - \sqrt{3}}{2}$$

$$\frac{7 - 1.73}{2}$$

$$\frac{5.27}{2}$$

$$= 2.635$$

$$3) \frac{4}{7 - \sqrt{2}}$$

$$\frac{4}{7 - 1.41}$$

$$\frac{4}{5.59}$$

$$= 0.72$$

$$4) \frac{1}{1 + \sqrt{2}}$$

$$\frac{1}{1 + 1.41}$$

$$= \frac{1}{2.41}$$

$$= 0.41$$

$$5) \frac{9 + \sqrt{15}}{11 - \sqrt{3}}$$

$$\frac{9 + 3.87}{11 - 1.73}$$

$$= \frac{12.87}{9.27}$$

$$= 1.39$$