Astrid Adriana Alva Antonio / tarea 3

1. $\frac{3+\sqrt{8}}{5} = 1.16$

2. $\frac{7-\sqrt{3}}{2} = 2.63$

3. $\frac{4}{7-\sqrt{2}} = 0.72$

4. $\frac{1}{1+\sqrt{2}} = 0.41$

5. $\frac{9+\sqrt{15}}{11-\sqrt{3}} = 1.39$

6. $\frac{15-\sqrt{75}}{1+\sqrt{115}} = 0.54$

7. $\frac{7+\sqrt{68}+(\sqrt{5})^4}{16-\sqrt{85}} =$

$7+8.25+25$

$16-5.92$

$\frac{15.25+25}{10.08}$

$1.5+25 = 26.51$

8. $\sqrt{\frac{\sqrt{6}\cdot 18}{(\sqrt{8})^3\cdot\sqrt{3}}} =$

$44.02 = \sqrt{1.13}$

39.19

1.06

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

$(\sqrt{735091})$

$(\sqrt{35})\ \frac{90.25}{385.83} = 0.23$

10. $\frac{25+\sqrt{42}}{17+\sqrt{45}} * [\sqrt{3}]^3 = 25+6.98$

$17+6.71$

5.20

1. $\frac{\sqrt{36}}{\sqrt{49}} * \frac{\sqrt{14884}}{\sqrt{24,025}} =$

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

2. $(\sqrt{\sqrt{8}})^3 + \sqrt{729} = 4.76 + 27 = 31.76$

3. $(\sqrt{50,625})' = \sqrt{50,625} = 225$

4. $\frac{(\sqrt{\sqrt{707,281}})^3}{(\sqrt[3]{218} + 125} = \frac{24,389}{131.02} = 186.15$

5. $\frac{\sqrt{\sqrt{36} * 3}}{\sqrt{4}^3 * \sqrt{9}} + (\sqrt{16} + 9)^3 = \frac{\sqrt{\sqrt{10.8}} + \sqrt{25}^3}{1 * 3}$

$\frac{\sqrt{10.39}}{24} + 5^3$

$\sqrt{0.43} + 125 = 0.657 + 125 = 125.657$