Pamela Vásquez 1ato Bilingüe / Semana NO. 3 29/07/21

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

7) $7+\sqrt{68}+(\sqrt{5})^4 = 26.51$

$7+8.25+25$

$16-5.92$

$15.25+25$

10.08

$1.5+25 = 26.51$

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

$\frac{44.09}{39.19} = \sqrt{1.13}$

1.06

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9.- $\left(\frac{\sqrt[3]{\sqrt{735.091}}}{\left(\sqrt{49}+4\right)^3}\right)^2 = \left(\frac{\sqrt{735.091}}{\left(\sqrt{53}\right)^3}\right) = \frac{90.25}{385.83} =$

0.23

10) $\frac{25+\sqrt{42}}{17+\sqrt{45}} + \left(\sqrt{3}\right)^3 = \frac{25+6.98}{17+6.71} + 5.20$

$\frac{31.98}{23.71} + 5.20 = 1.33+520 = 6.92$

Ejercicio NO. 2

1.- $\sqrt{\frac{36}{49}} * \sqrt{\frac{14.884}{24.025}} =$

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

2.- $\left(\sqrt{\sqrt{50,625}}\right)^2 = \sqrt{50,625} = 225$

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

4.- $\frac{\left(\sqrt{\sqrt{707.281}}\right)^3}{\left(\sqrt[3]{218+125}\right)} = \frac{24.389}{131.02} = 186.15$

5.- $\sqrt{\frac{\sqrt{36*3}}{\left(\sqrt{4}\right)^3 * \sqrt{9}}} + \left(\sqrt{16+9}\right)^3 = \sqrt{\frac{\sqrt{108}}{2^3*3}} + \sqrt{25}^3$

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