$$\sqrt{7,3} = \sqrt{\frac{73-7}{9}} = \sqrt{\frac{66}{9}} = \frac{\sqrt{66}}{\sqrt{9}} = \frac{8,1240}{3} = 2,708$$

PER SEMPLIFICARE L'ESERCIZIO

- $\sqrt{7,\overline{3}} \simeq \sqrt{7,33} = 2,70740 = 2,71$
- $\sqrt{19,\overline{4}} \simeq \sqrt{19,44} = \sqrt{\frac{1944}{100}} = \frac{\sqrt{1944}}{\sqrt{100}} = \frac{44,2}{10} = 4,42$

$\sqrt{1944} =$ $\sqrt{1936} = 44$, $\sqrt{2025} = 45$ → $44,2$

- $\sqrt{9,\overline{7}} \simeq \sqrt{9,77} = 3,12570 = 3,13$

- $\sqrt{87{,}45} = \sqrt{\frac{8745}{100}} = \frac{\sqrt{8745}}{\sqrt{100}} = \frac{93{,}5}{10} = 9{,}35$

$\sqrt{8745}$: $\sqrt{8649} = 93$, $\sqrt{8836} = 94$ → $93{,}5$

- $\sqrt{4{,}8} = \sqrt{4{,}80} = 2{,}21359 = 2{,}21$

- $\sqrt{51{,}69} = \sqrt{\frac{5169}{100}} = \frac{\sqrt{5169}}{\sqrt{100}} = \frac{71{,}8}{10} = 7{,}18$

$\sqrt{5169}$: $\sqrt{5041} = 71$, $\sqrt{5184} = 72$ → $71{,}8$

- $\sqrt{29,\overline{5}} \approx \sqrt{29,55} = \frac{\sqrt{2955}}{\sqrt{100}} = \frac{54,4}{10} = 5,44$

$\sqrt{2955}$ < $\sqrt{2916} = 54$, $\sqrt{3025} = 55$ > $54,4$

- $\sqrt{127,\overline{3}} \approx \sqrt{127,33} = \sqrt{\frac{12733}{100}} = \frac{\sqrt{12733}}{\sqrt{100}} = \frac{112,8}{10} \approx 11,28$

$\sqrt{12733}$ < $\sqrt{12544} = 112$, $\sqrt{12769} = 113$ > $112,8$

$\sqrt{0,7} = \sqrt{0,70} = 0,8366 = 0,84$

$\sqrt{51,35} = \sqrt{51,35} = \sqrt{\frac{5135}{100}} = \frac{\sqrt{5135}}{\sqrt{100}} = \frac{71,6}{10} = 7,16$

$\sqrt{5135}$ < $\sqrt{5041} = 71$, $\sqrt{5184} = 72$ > $71,6$

$5041 \rightarrow 5135$ 94 mite

$5135 \rightarrow 5184$ 49 mite

$$\sqrt{\frac{2}{9}+\left(\frac{\cancel{15}^{1}}{\cancel{27}}\times\frac{5}{\cancel{38}_{2}}+\frac{\cancel{4}^{2}}{\cancel{8}_{3}}\times\frac{\cancel{3}^{1}}{\cancel{2}_{1}}\right):\left(\frac{15}{4}-\frac{\cancel{5}^{1}}{\cancel{8}_{3}}\times\frac{\cancel{3}^{1}}{\cancel{10}_{2}}-\frac{1}{6}\right)}=$$

$$=\sqrt{\frac{2}{9}+\left(\frac{5}{54}+\frac{2}{3}\right):\left(\frac{15}{4}-\frac{1}{6}-\frac{1}{6}\right)}=$$

$$=\sqrt{\frac{2}{9}+\left(\frac{5+36}{54}\right):\left(\frac{45-2-2}{12}\right)}=$$

$$=\sqrt{\frac{2}{9}+\frac{\cancel{41}^{1}}{\cancel{54}_{\cancel{27}\,9}}\times\frac{\cancel{12}^{\cancel{6}\,2}}{\cancel{41}_{1}}}=$$

$$=\sqrt{\frac{2}{9}+\frac{2}{9}}=\sqrt{\frac{2+2}{9}}=\sqrt{\frac{4}{9}}=\frac{2}{3}$$