MATEMATICA E.

- Practica 1.

m. $-2^{-2} \cdot \sqrt{-9^{1/2} \cdot \frac{\frac{7}{8} - 8^{-1}}{-4^{-1} \cdot 4^{3/2}}} + \left[\frac{1}{\frac{1}{2^{-3}} + (-2)^{-2}}\right] \cdot 2$

$= (-1)\left(\frac{1}{2}\right)^2 \cdot \sqrt{-\sqrt{9} \cdot \frac{\frac{7}{8} - \frac{1}{8}}{(-1) \cdot 4^{(-1)+1}}} + \left[\frac{1}{(1 : 2^{-3}) + \left(\frac{1}{-2}\right)^2}\right] \cdot 1.$

$= (-1)\frac{1}{4}\sqrt{-3 \cdot \frac{\frac{6}{8}}{(-1)4^0}} + \left[\frac{1}{1 : \frac{1}{8} + \frac{1}{4}}\right] \cdot 1.$

$= -\frac{1}{4}\sqrt{-3 \cdot \left(\frac{3}{4} : (-1)\right)} + \left[\frac{1}{8 + \frac{1}{4}}\right] \cdot 1.$

$= -\frac{1}{4}\sqrt{-3\left(-\frac{3}{4}\right)} + \left[1 : \frac{33}{4}\right] \cdot 1$

$= -\frac{1}{4}\sqrt{\frac{9}{4}} + \left[1 \cdot \frac{4}{33}\right] \cdot 1.$

$= -\frac{1}{4} \cdot \frac{3}{2} + \frac{4}{33} \cdot 1 = \left(-\frac{3}{8}\right) + \frac{4}{33} = \boxed{\frac{-67}{264}}$