

PROBLEMAS DE EXPRESIONES ALGEBRAICAS Y OPERACIONES

Problema 109:

Resolver la expresión:

$$\frac{[4 - 3 \cdot (4 - \frac{1}{2})]}{\frac{3}{4}} + 2$$

Solución Problema 109:

$$\begin{aligned} \frac{[4 - 3 \cdot (4 - \frac{1}{2})]}{\frac{3}{4}} + 2 &= \frac{[4 - 3 \cdot (\frac{8-1}{2})]}{\frac{3}{4}} + 2 = \frac{[4 - 3 \cdot (\frac{7}{2})]}{\frac{3}{4}} + 2 = \\ &= \frac{[4 - \frac{21}{2}]}{\frac{3}{4}} + 2 = \frac{[\frac{8-21}{2}]}{\frac{3}{4}} + 2 = \frac{-13}{\frac{3}{4}} + 2 = \frac{-13 \cdot 4}{2 \cdot 3} + 2 = \frac{-26}{3} + 2 = \\ &= \frac{-26 + 6}{3} = \frac{-20}{3} = -6\frac{2}{3} \end{aligned}$$