

Answer on Question #50486 – Math – Algebra

$$5 - 4x/3 - 1/2x = 0$$

Solution:

Solve the next equation:

$$\begin{aligned} 5 - \frac{4x}{3} - \frac{x}{2} &= 0 \\ 5 &= \frac{4x}{3} + \frac{x}{2} \\ \frac{4x * 2 + x * 3}{6} &= 5 \\ \frac{11x}{6} &= 5 \end{aligned}$$

$$x = 5 * \frac{6}{11} = \frac{30}{11}$$

Answer: $x = \frac{30}{11}$.