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Nombre del profesor:

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Nombre del trabajo:

Fracciones y ecuaciones

Materia:

Matemáticas aplicadas

Ocosingo, Chiapas a 24 de enero de 2022.



$$\diamond (2/3 + 3/7) \times (3/8 - 2/9) =$$

$$2/3 + 3/7 = \frac{14 + 9}{21} = \frac{23}{21}$$

$$3/8 - 2/9 = \frac{27 - 16}{72} = \frac{11}{72}$$

$$23/21 \times 11/72 = \frac{253}{1512}$$

$$\diamond 3x + 10 = 5x + 16$$

$$3x - 5x = 16 - 10$$

$$-2x = 6$$

$$X = \frac{6}{-2}$$

$$X = -3$$

$$\begin{aligned} \diamond & \quad {}^3(2x + y = 22) \\ & \quad {}^{-2}(3x - 5y = 19) \end{aligned}$$

$$-6x + 3y = 66$$

$$\underline{-6x - 10y = 38}$$

$$-7y = 28$$

$$Y = \frac{28}{-7}$$

$$-7$$

$$Y = -4$$

$$3x - 5y = 19$$

$$3x - 5(4) = 19$$

$$3x - 20 = 19$$

$$3x = 19 + 20$$

$$3x = 39$$

$$X = \frac{39}{3}$$

$$3$$

$$X = 13$$