

AA00

How do I get rid of fractions? 9/11

$$\frac{x+4}{9} = \frac{9}{3}$$

$$\text{Ex 1: } 9 \left(\frac{x}{9} + \frac{2x}{5} = 3 \right)$$

$$5 \left(x + \frac{18x}{5} = 27 \right)$$

$$5x + 90x = 135$$

$$5x + 18x = 135$$

$$\frac{23x}{23} = \frac{135}{23}$$

$$x = \frac{135}{23}$$

$$\text{Ex 2} \cdot \left(\frac{5x}{2} + \frac{1}{6} = 8 \right)$$

$$6 \left(5x + \frac{2}{6} = 16 \right)$$

$$30x + 2 = 96$$

$$\begin{array}{r} 30x + 2 = 96 \\ - 2 \quad - 2 \\ \hline \end{array}$$

$$\frac{30x}{30} = \frac{94}{30}$$

$$x = 3.\bar{13}$$