

$$\frac{9z-5}{2} - \frac{2}{1} = \frac{4(3+5z) + 3(8z-2)}{12}$$

$$\frac{9z-5-4}{2} = \frac{12+20z+24z-6}{12}$$

$$\frac{9z-9}{2} = \frac{44z-6}{12}$$

$$\frac{9z}{2} - \frac{9}{2} = \frac{44z}{12} - \frac{6}{12}$$

$$\frac{9z}{2} - \frac{44z}{12} = \frac{9}{2} - \frac{1}{2}$$

$$\frac{54z-44z}{12} = \frac{8}{2}$$

$$\frac{10z}{12} = 4$$

$$10z = 4 \cdot 12$$

$$z = \frac{48}{10}$$

$$z = \cancel{48} 4.8$$