

WORK sheet :

must show steps like
in class

Ex 1: $5x + 3 = 23$

1

$$\frac{-3 \quad -3}{5x + 3 = 23}$$

$$\frac{5x}{5} = \frac{20}{5}$$

$$\underline{\underline{x = 4}}$$

Add inverse
Balance

mult inverse
Balance

Ex 2: $8 - \frac{3}{8}k = -4$

Add
inverse -8

$$\frac{-8 \quad -8}{8 - \frac{3}{8}k = -4}$$

mult
Inv.

$$\underline{\underline{k = +32}}$$

① $4 = 3a - 14$

② $8 - 5w = -37$

③ $\frac{n}{3} - 8 = -2$

④ $\frac{3}{4}x - 7 = 8$

⑤ $\frac{x}{-4} + 5 = 1$

⑥ $-12 = 6 + \frac{2}{3}y$

⑦ $13 = \frac{w}{-3} - 4$

⑧ $3.2e + 2.6 = -23$

⑨ $\frac{u+12}{-4} = 5$