

DRILL

① Solve each system

$$\begin{cases} y = 3x - 8 \\ y = -2x + 22 \end{cases}$$

(6, 10)

② *

②

$$\begin{cases} * x = (3y - 4) \\ * 2x - 4y = -2 \end{cases}$$

$$* 2(3y - 4) - 4y = -2$$

$$* 6y - 8 - 4y = -2$$

$$\begin{aligned} \downarrow \\ 2y - 8 &= -2 \\ +8 &+8 \\ 2y &= 6 \\ \frac{2y}{2} &= \frac{6}{2} \end{aligned}$$

$$\begin{aligned} x &= 3(3) - 4 \\ x &= 9 - 4 \\ x &= 5 \end{aligned}$$

(5, 3)

