

$$2W - 3$$

$$A = l \cdot w$$

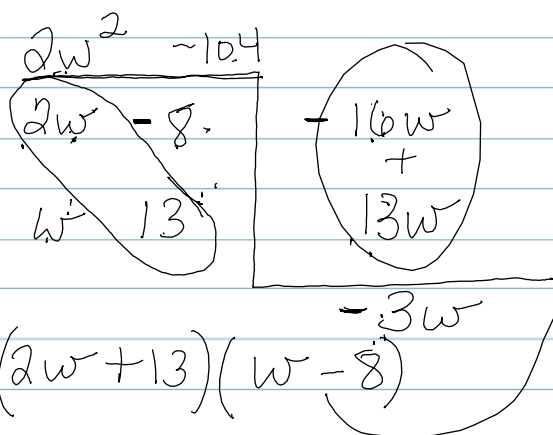
↓

$$104 = (2W - 3)(W)$$

$$104 = 2W^2 - 3W$$

$$\begin{array}{r} -104 \\ -104 \end{array}$$

$$0 = 2W^2 - 3W - 104$$



$$2W^2 - 3W - 104 = 0$$

$$(\quad)(\quad)$$

$$8 \cdot 13$$

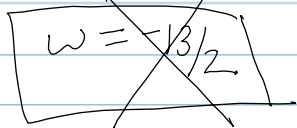
$$4 \cdot 26$$

$$2 \cdot 52$$

$$2W + 13 = 0$$

$$\begin{array}{r} -13 \quad -13 \\ \hline 2 \quad 2 \end{array}$$

$$W = -13/2$$



Can't have a neg measurement.

$$W - 8 = 0$$

$$\begin{array}{r} +8 \quad +8 \\ \hline \end{array}$$

$$W = 8$$

$$W = 8$$

$$2(8) - 3$$

$$16 - 3$$

$$13$$

width 8 ft.

length 13 ft.

$$8 \cdot 13 = 104$$

