Solve the following equations for the indicated variable.

2. $A = \frac{1}{2}bh$; for h

$\frac{2A}{b} = \frac{bh}{b}$

$h = \frac{2A}{b}$

$P = 2l + 2w$; for w

$-2l \quad -2l$

$\frac{P-2l}{2} = \frac{2w}{2}$

$W = \frac{P-2l}{2}$

OR

$W = \frac{P}{2} - l$

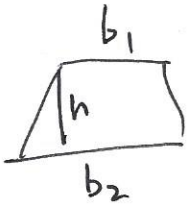
2. $A = \frac{1}{2}h(b_1 + b_2)$; for h

$\frac{2A}{b_1+b_2} = \frac{h(b_1+b_2)}{(b_1+b_2)}$

$h = \frac{2A}{b_1+b_2}$

2. $A = \frac{1}{2}h(b_1 + b_2)$; for b_1

$\frac{2A}{h} = \frac{h(b_1+b_2)}{h}$



$\frac{2A}{h} = b_1 + b_2$

$-b_2 \quad -b_2$

$b_1 = \frac{2A}{h} - b_2$

$y = mx + b$; for x

$-b \quad -b$

$\frac{y-b}{m} = \frac{mx}{m}$

$x = \frac{y-b}{m}$