

Directions: Solve for the variable.

1. $-27 = -4v - (-17)$

6. $-4 = \frac{w}{2} + 15$

2. $2r + 14 = 34$

7. $\frac{-16}{h} - (-2) = 6$

3. Formula : $A = Lw$

Find L when $A=55$ and $W = 11$

8. $-9 = \frac{t}{3} + (-1)$

4. Formula : $ax + b = c$

Find b when $a = 3$, $x = -3$, $C = -1$

9. Formula : $P = 2w + 2L$

Find L when $P = 1000$ and $W = 100$

5. Formula : $ax + b = c$

Find C when $a = -15$, $x = 20$ and $b = 30$