

**Answer on Question #59531 – Math – Algebra**

**QUESTION**

$$b = 3 \text{ minus } (a \text{ over } 2)$$

rearranged to make (a) the subject of the equation

**SOLUTION**

$$\begin{aligned} b = 3 \text{ minus } (a \text{ over } 2) &\Leftrightarrow b = 3 - \left(\frac{a}{2}\right) \Leftrightarrow b - 3 = -\frac{a}{2} \Leftrightarrow 3 - b = \frac{a}{2} \Leftrightarrow \\ &\Leftrightarrow 2(3 - b) = a \Leftrightarrow 6 - 2b = a \Leftrightarrow a = 6 - 2b \end{aligned}$$

**ANSWER:**  $a = 6 - 2b$ .