

Answer on Question #47841 – Math – Algebra

$$6 = a/2 + 2$$

Solution

$$-\frac{a}{2} = 2 - 6,$$

$$-\frac{a}{2} = -4,$$

$$a = (-4) \cdot (-2),$$

$$a = 8.$$

Let check the obtained root by substituting into the equation.

$$6 = \frac{8}{2} + 2, \quad 6 = 4 + 2, \quad 6 = 6.$$

Answer: $a = 8$.