

GOVERNMENT OF ZAMBIA

ACT

No. 3 of 1987

Date of Assent: 31st December, 1986

An Act to amend the Registration of Business  
Names Act

[9th January, 1987

ENACTED by the Parliament of Zambia.

Enactment

1. This Act may be cited as the Registration of Business Names (Amendment) Act, 1986, and shall be read as one with the Registration of Business Names Act, hereinafter referred to as the principal Act.

Short title

Cap. 687

2. Section *eighteen* of the principal Act is amended in paragraph (a)—

Amendment  
of section  
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(i) by the deletion of the coma after the word "Act" and the substitution therefor of a semicolon; and

(ii) by the deletion of the words "so that they do not exceed the sum of one kwacha for the registration of any one statement".

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### THE PROBLEM

The problem is to find the value of  $x$  which satisfies the equation

$$x^2 + 2x + 1 = 0$$

This is a quadratic equation in the form  $ax^2 + bx + c = 0$ , where  $a = 1$ ,  $b = 2$ , and  $c = 1$ . The solutions are given by the quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Substituting the values of  $a$ ,  $b$ , and  $c$  into the formula, we get:

$$x = \frac{-2 \pm \sqrt{2^2 - 4 \cdot 1 \cdot 1}}{2 \cdot 1}$$

$$x = \frac{-2 \pm \sqrt{4 - 4}}{2}$$

$$x = \frac{-2 \pm \sqrt{0}}{2}$$

$$x = \frac{-2 \pm 0}{2}$$

$$x = \frac{-2}{2}$$

$$x = -1$$

Therefore, the solution to the equation is  $x = -1$ .

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