

**Regla:**

1. Separa los dígitos de dos en dos, del radicando
2. Busca un número que multiplicado por sí mismo se acerque a tu primer dígito.
3. Luego se restan.
4. Baja los otros dos dígitos y se separa con una coma la última cifra.
5. Se dobla la raíz y se divide entre las cifras separadas.
6. Se multiplica el cociente obtenido con el siguiente reglón y se resta.

## Raíz cuadrada aproximada

**Instrucciones:**

Calcule la raíz cuadrada aproximada con tres dígitos de las siguientes operaciones.

The diagram illustrates the manual calculation of square roots. It shows the process for  $\sqrt{5,37}$  and provides a reference for  $\sqrt{859}$ . The steps involve iterative division and subtraction to find the square root to three decimal places. A check box at the bottom left contains the equation  $23 \times 23 = 529 + 8 = 537$ .

A blank template for calculating the square root of 456. It features a large square root symbol with the number 456 inside, followed by a horizontal line with a bar over it for the quotient, and a series of boxes for intermediate calculations and remainders.

A blank template for calculating the square root of 987. It features a large square root symbol with the number 987 inside, followed by a horizontal line with a bar over it for the quotient, and a series of boxes for intermediate calculations and remainders.

A blank template for calculating the square root of 876. It features a large square root symbol with the number 876 inside, followed by a horizontal line with a bar over it for the quotient, and a series of boxes for intermediate calculations and remainders.

A blank template for calculating the square root of 742. It features a large square root symbol with the number 742 inside, followed by a horizontal line with a bar over it for the quotient, and a series of boxes for intermediate calculations and remainders.