

Exercise 1 Solve the equation $x^2 = 9$.

Correction 1 This is a basic quadratic equation.

Students often forget the negative root.

The solutions are $x = 3$ and $x = -3$.

Exercise 2 Calculate the area of a circle with radius 5.

Correction 2 Use the formula $A = \pi r^2$.

Substitute $r = 5$.

$$A = \pi \times 5^2 = 25\pi \approx 78.54$$