

**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  $r = 5$ .

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