Exercises with Competencies

Exercise 1 Solve $2x + 5 = 13$ and explain your method.

C1.1 C2.3

Solution 1 $x = 4$

Exercise 2 Determine the nature of the roots of $x^2 - 3x + 2 = 0$.

C1.2 C3.1 C4.1

Solution 2 The discriminant is $b^2 - 4ac = 1 > 0$, so there are two real solutions.