

Quadratic Formula, Completing the Square and Simultaneous Linear-Quadratic Equations

Year 11 · Algebra · y11-alg-solve-linear — Answer Key

Teacher / parent use only — matches the question numbers in the companion _WS file.

Practice

1. 2,3 / 2, 3
2. $(x + 3)^2 - 4$ / $(x+3)^2-4$ / $(x+3)^2-4$
3. -4,1 / -4, 1
4. $(x - 4)^2 - 6$ / $(x-4)^2-6$ / $(x-4)^2-6$
5. -2,3 / -2, 3
6. 3,4 / 3, 4
7. $(x + 5)^2 - 22$ / $(x+5)^2-22$ / $(x+5)^2-22$
8. 0

Challenge

1. -0.24,4.24 / -0.24, 4.24
2. 0,2 / 0, 2