

Completing The Square

Increasingly
Difficult
Exercises

a) $x^2 + 6x + 9$ b) $x^2 - 4x + 4$ c) $x^2 + 4x$

d) $x^2 - 8x$ e) $2x^2 + 12x$ f) $x^2 + 6x + 4$

g) $x^2 - 10x + 5$ h) $x^2 + 5x + 7$ i) $2x^2 + 5x - 1$

j) Solve: $x^2 + 6x = 0$ k) Solve: $x^2 - 2x - 5 = 0$ l) Solve: $2x^2 + 8x - 5 = 0$

Completing The Square

Increasingly
Difficult
Exercises

a) $x^2 + 6x + 9$ b) $x^2 - 4x + 4$ c) $x^2 + 4x$

d) $x^2 - 8x$ e) $2x^2 + 12x$ f) $x^2 + 6x + 4$

g) $x^2 - 10x + 5$ h) $x^2 + 5x + 7$ i) $2x^2 + 5x - 1$

j) Solve: $x^2 + 6x = 0$ k) Solve: $x^2 - 2x - 5 = 0$ l) Solve: $2x^2 + 8x - 5 = 0$