

Crack the Code

Solving Quadratic Equations

A	Solve $(x - 9)(x - 11) = 0$ $x = 9, x = 11$	B	Solve $x(x - 14) = 0$ $x = 0, x = 14$
C	Solve $(x + 1)(x - 8) = 0$ $x = -1, x = 8$	D	Solve $x^2 + 3x + 2 = 0$ $x = -2, x = -1$
E	Solve $x^2 - 5x - 6 = 0$ $x = 6, x = -1$	F	Solve $x^2 - 16 = 0$ $x = 4, x = -4$
G	Solve $x^2 - 27x + 50 = 0$ $x = 2, x = 25$	H	Solve $x^2 + 3x = 0$ $x = 0, x = -3$
I	Solve $x^2 - 12x - 45 = 0$ $x = 15, x = -3$	J	Solve $0 = x^2 + 2x - 35$ $x = -7, x = 5$
K	Solve $x^2 - 100x = 0$ $x = 100, x = 0$	L	Solve $x^2 - 100 = 0$ $x = 10, x = -10$
M	Solve $x^2 - 11x + 28 = 0$ $x = 7, x = 4$	N	Solve $x^2 + 4x + 3 = 0$ $x = -3, x = -1$
O	Solve $2x + x^2 = 0$ $x = 0, x = -2$	P	Solve $x^2 - 17x + 52 = 0$ $x = 13, x = 4$
Q	Solve $x^2 - 3x - 54 = 0$ $x = 9, x = -6$	R	Solve $x^2 + 4x - 60 = 0$ $x = -10, x = 6$
S	Solve $x^2 - 49 = 0$ $x = 7, x = -7$	T	Solve $x^2 - 11x = 0$ $x = 0, x = 11$

To get the three-digit code, add together all the solutions to all the quadratic equations. **209**