Rally Coach – Solve Quadratic Equations by Factorising

A	B
$x^2 + 10x + 16 = 0$	$x^2 + 11x + 24 = 0$
$x^2 - 5x + 4 = 0$	$x^2 - 8x + 7 = 0$
$x^2 + 2x - 35 = 0$	$x^2 - 3x - 10 = 0$
$2x^2 + 5x + 2 = 0$	$2x^2 + 7x + 6 = 0$

Answers

A	B
$x^2 + 10x + 16 = 0$ $(x + 8)(x + 2) = 0$ $x = -8$ $x = -2$	$x^2 + 11x + 24 = 0$ $(x + 8)(x + 3) = 0$ $x = -8$ $x = -3$
$x^2 - 5x + 4 = 0$ $(x - 4)(x - 1) = 0$ $x = 4$ $x = 1$	$x^2 - 8x + 7 = 0$ $(x - 7)(x - 1) = 0$ $x = 7$ $x = 1$
$x^2 + 2x - 35 = 0$ $(x + 7)(x - 5) = 0$ $x = -7$ $x = 5$	$x^2 - 3x - 10 = 0$ $(x - 5)(x + 2) = 0$ $x = 5$ $x = -2$
$2x^2 + 5x + 2 = 0$ $(2x + 1)(x + 2) = 0$ $x = -1/2$ $x = -2$	$2x^2 + 7x + 6 = 0$ $(2x + 3)(x + 2) = 0$ $x = -3/2$ $x = -2$