

## FACTORIZING PUZZLE 1

$x^2 - 3x - 70$	$2x^2 + 4x + 24$	$2x^2 + 24x + 40$	$(x - 7)(x + 10)$	$(x - 7)(x + 7)$
$x^2 - 39x + 36$	$x^2 - 14x + 40$	$x^2 - 10x + 21$	$(1 - x)(40 + x)$	$(1 - x)(40 + x)$
$x^2 - 6x + 51$	$x^2 - 22x + 75$	$x^2 - 20x + 51$	$(x + 17)(x + 3)$	$(x + 17)(x + 3)$
$x^2 - 28x + 20$	$x^2 - 42x + 40$	$x^2 - 25x + 63$	$(x + 25)(x - 3)$	$(x + 25)(x - 3)$
$x^2 - 60$	$x^2 - 12x + 10$	$x^2 - 17x + 72$	$(x - 5)(x + 12)$	$(x - 5)(x + 12)$
$x^2 - 8x + 7$	$x^2 - 8x + 7$	$x^2 - 8x + 7$	$(x - 8)(x - 8)$	$(x - 8)(x - 8)$
$x^2 - 16x$	$x^2 - 16x$	$x^2 - 16x$	$(x - 8)(x - 2)$	$(x - 8)(x - 2)$
$x^2 - 14x + 48$	$x^2 + 34x + 120$	$x^2 + 30x + 63$	$3(x + 7)(x + 3)$	$3(x + 7)(x + 3)$
$(x + 3)(x - 6)$	$x^2 - 18$	$3x^2 - 9x - 30$	$3(x + 2)(x - 5)$	$3(x + 2)(x - 5)$
$(x + 9)(x - 10)$	$x^2 + 20x + 75$	$x^2 - 9x - 30$	$(x - 5)(x + 5)$	$(x - 5)(x + 5)$
$x^2 - 27$	$x^2 + 24x - 9$	$x^2 - 17x + 51$	$(x + 15)(x - 9)$	$(x + 15)(x - 9)$
$x^2 - 3x - 30$	$x^2 - 6x - 27$	$x^2 - 18x + 18$	$(x - 5)(x + 9)$	$(x - 5)(x + 9)$
$x^2 - 51$	$x^2 - 40x + 40$	$x^2 - 39x + 36$	$(1 - x)(40 + x)$	$(1 - x)(40 + x)$
$x^2 - 70$	$x^2 - 14x + 40$	$x^2 - 14x + 40$	$(x + 3)(x + 4)$	$(x + 3)(x + 4)$