

# Factor each Trinomial

1)  $x^2 - x - 90$

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2)  $x^2 + 11x + 18$

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3)  $5x^2 - 43x + 24$

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4)  $3x^2 - 9x + 6$

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5)  $100x^2 - 40x + 4$

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6)  $27x^2 + 18x + 3$

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7)  $36x^2 - 60x + 25$

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8)  $4x^2 + 28x + 49$

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9)  $15x^2 - 27x - 6$

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10)  $5x^2 + 19x + 12$

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# Factor each Trinomial

## Answers

1)  $x^2 - x - 90$

$(x - 10)(x + 9)$

2)  $x^2 + 11x + 18$

$(x + 2)(x + 9)$

3)  $5x^2 - 43x + 24$

$(5x - 3)(x - 8)$

4)  $3x^2 - 9x + 6$

$3(x - 1)(x - 2)$

5)  $100x^2 - 40x + 4$

$4(5x - 1)^2$

6)  $27x^2 + 18x + 3$

$3(3x + 1)^2$

7)  $36x^2 - 60x + 25$

$(6x - 5)^2$

8)  $4x^2 + 28x + 49$

$(2x + 7)^2$

9)  $15x^2 - 27x - 6$

$3(5x + 1)(x - 2)$

10)  $5x^2 + 19x + 12$

$(5x + 4)(x + 3)$