

## 因数分解 発展（20問） 版H

なまえ： \_\_\_\_\_

日づけ： \_\_\_\_\_

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(1)  $x^4 - 25x^2 + 144 =$

(2)  $(x + y)^2 + 4(x + y) + 3 =$

(3)  $x^2 - 4xy + 3y^2 - 7x + 15y + 12 =$

(4)  $x^2 - xy - 2y^2 - 2x + 10y - 8 =$

(5)  $x^2 - y^2 + 6y - 9 =$

(6)  $x^4 - 5x^2 + 4 =$

(7)  $x^4 - 34x^2 + 225 =$

(8)  $12x^2 + 32x + 20 =$

(9)  $x^2 - y^2 + 12y - 36 =$

(10)  $(x + y)^2 - (x + y) - 12 =$

(11)  $x^2 - 3xy + 2y^2 - 6x + 11y + 5 =$

(12)  $(x + y)^2 - 2(x + y) - 35 =$

(13)  $15x^2 - 5x - 70 =$

(14)  $12x^2 - 3 =$

(15)  $(x + y)^2 - (x + y) - 42 =$

(16)  $x^2 - y^2 + 4y - 4 =$

(17)  $x^4 - 8x^2 - 9 =$

(18)  $x^2 - 9y^2 + x + 27y - 20 =$

(19)  $x^2 - y^2 + 8y - 16 =$

(20)  $4x^2 + 14x - 30 =$