Card #5

Answer:

$(10x + 11)(10x - 11)$

Factor Completely.

$6x^4 + 24x^3 + 15x^2 + 60x$

Card #10

Answer:

$3x(2x^2 + 5)(x + 4)$

Factor completely.

$6x^2 + x - 70$

Card #18

Answer:

$(2x + 7)(3x - 10)$

Factor completely.

$45x^4 - 20x^2$

Card #1

Answer:

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

Find the sum or difference of the polynomials.

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

Card #15

Answer:

$4x^2 + x - 2$

Factor completely.

$-16x^2 - 80x - 100$

Card #3

Answer:

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

Find the product.

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

Card #8

Answer:

$3x^3 + 6x^2 - 15x$

Factor completely.

$x^2 - 15x + 44$

Card #6

Answer:

$(x - 11)(x - 4)$

Factor Completely.

$8x^3 - 18x$

Card #2

Answer:

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

Find the sum or difference of the polynomials.

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

Card #17

Answer:

x^2+x+3

Find the Product.

$2x^2(2x^3+4x-1)$

Card #9

Answer:

$4x^5 + 8x^3 - 2x^2$

Factor Completely.

$x^2 - 11x + 18$

Card #11

Answer:

$(x - 9)(x - 2)$

Factor completely.

$4x^2 + 32x + 63$

Card #7

Answer:

$(2x + 9)(2x + 7)$

Factor completely.

$x^2 - 10x + 21$

Card #14

Answer:

$(x - 7)(x - 3)$

Factor completely.

$36x^2 - 84x + 49$

Card #12

Answer:

$(6x - 7)^2$

Factor completely.

$24x^3 + 44x^2 + 16x$

Card #4

Answer:

$\boldsymbol{4x(2x + 1)(3x + 4)}$

Find the product.

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

Card #16

Answer:

$x^2 - x - 6$

Factor completely.

$x^3 + 4x^2 + 6x + 24$

Card #13

Answer:

$(x + 4)(x^2 + 6)$

Factor completely.

$100x^2 - 121$