微分 導関数（16問）　版J

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $y = (x - 3)(x + 2)$

(2) $y = -5x^3 + 8x^2 + 8x + 4$

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

(4) $y = (3x - 6)(2x + 3)$

(5) $y = (3x - 1)(x - 6)$

(6) $y = x^2 - 4x - 7$

(7) $y = (3x + 6)(3x - 1)$

(8) $y = -5x^3 + x^2 - 4x + 2$

(9) $y = -3x^3 + 8x + 1$

(10) $y = 2x^3 + 6x - 4$

(11) $y = -x^2 + 8x + 2$

(12) $y = -3x^3 + 4x^2 - 5x + 3$

(13) $y = 3x^2 - 3x + 2$

(14) $y = 4x^3 - 2x^2 - x - 7$

(15) $y = -x^3 + 3x^2 - 6x + 1$

(16) $y = 5x^4 - 7x^3 + x^2 - 4x - 9$

微分 導関数（16問）　版Jの答え

※ 定数項は微分すると0になります。消し忘れていないかを見てください。

(1) $y = (x - 3)(x + 2)$
$y' = 2x - 1$

(2) $y = -5x^3 + 8x^2 + 8x + 4$
$y' = -15x^2 + 16x + 8$

(3) $y = 5x^3 - 2x^2 - 6x + 5$
$y' = 15x^2 - 4x - 6$

(4) $y = (3x - 6)(2x + 3)$
$y' = 12x - 3$

(5) $y = (3x - 1)(x - 6)$
$y' = 6x - 19$

(6) $y = x^2 - 4x - 7$
$y' = 2x - 4$

(7) $y = (3x + 6)(3x - 1)$
$y' = 18x + 15$

(8) $y = -5x^3 + x^2 - 4x + 2$
$y' = -15x^2 + 2x - 4$

(9) $y = -3x^3 + 8x + 1$
$y' = -9x^2 + 8$

(10) $y = 2x^3 + 6x - 4$
$y' = 6x^2 + 6$

(11) $y = -x^2 + 8x + 2$
$y' = -2x + 8$

(12) $y = -3x^3 + 4x^2 - 5x + 3$
$y' = -9x^2 + 8x - 5$

(13) $y = 3x^2 - 3x + 2$
$y' = 6x - 3$

(14) $y = 4x^3 - 2x^2 - x - 7$
$y' = 12x^2 - 4x - 1$

(15) $y = -x^3 + 3x^2 - 6x + 1$
$y' = -3x^2 + 6x - 6$

(16) $y = 5x^4 - 7x^3 + x^2 - 4x - 9$
$y' = 20x^3 - 21x^2 + 2x - 4$

free-print.net ｜ 微分の問題プリント 導関数 版J ｜ 学校・塾での配布OK