

微積考查 解答用紙(表)

(1) $y' = 2x$	(2) $y' = 0$	(3) $y' = 6x^2 + 4$	(4) $y' = 5x^4 + 12x^2 - 4x - 1$
(5) $y' = 2x$	(6) $y' = 24x^2 - 24x + 6$	(7) $y' = x^2 + \frac{2}{3}x + 1$	(8) $f'(2) = 17$
(9) $f(x) = x^2 + 2x - 2$	(10) $y = 8x - 2$	(11) $y = 2x - 1$ $y = 27x + 3$	(12) $\frac{3}{2}x^2 + C$
(13) $\frac{1}{3}x^3 + C$	(14) $3x + C$	(15) $x^5 + C$	(16) $\frac{1}{n+1}x^{n+1} + C$
(17) $x^4 + x^3 - \frac{1}{2}x^2 + x + C$	(18) $\frac{1}{4}x^4 + 2x^3 + 6x^2 + 8x + C$	(19) $\frac{1}{5}x^5 - \frac{2}{3}x^3 + x + C$	(20) $\frac{1}{12}x^4 + \frac{1}{4}x^2 + x + C$
(21) $\frac{3}{2}x^{\frac{1}{2}} + C$	(22) $\frac{1}{2}xy^2z + C$	(23) $f(x) = 2x^2 + 2x + 3$	(24) $f(x) = x^3 - \frac{9}{2}x^2 + 6x - \frac{7}{2}$
(25) $\frac{26}{3}$	(26) $\frac{15}{2}$	(27) $-\frac{95}{3}$	(28) $\frac{50}{3}$
(29) $-\frac{50}{3}$	(30) 0	(31) $\frac{28}{3}$	(32) $\frac{113}{4}$
(33) 0	(34) $\frac{124}{3}$	(35) $\frac{74}{3}$	(36) $\frac{32}{3}$
(37) $\frac{1}{6}$	(38) $\frac{1}{3}$	(39) $\frac{17}{4}$	(40) 48

番 氏名

得点

100

(9) ~ (11), (24), (33), (36) ~ (40) 2点. 102点