

接線と法線(1)

例題

1 (1) $y = \frac{1}{4}x + 1$

(2) $y = -4x + 18$

2 (1) $y = \frac{2}{3}x + \frac{5}{3}$

(2) $y = -\frac{3}{2}x - \frac{1}{2}$

3 (1) $y = -x + \frac{\sqrt{2}}{2}$

(2) $y = x$

練習問題

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

(2) $y = \frac{1}{2}x + \frac{1}{2}$

2 (1) $y = \frac{8}{21}x - \frac{1}{21}$

(2) $y = -\frac{21}{8}x + 24$

3 (1) $y = 2$

(2) $x = \pi$