

次の2次方程式の実数解の個数を求めよ。

(1) $x^2 + 5x - 1 = 0$

(2) $3x^2 - 2\sqrt{3}x + 1 = 0$

(3) $x^2 + 2x - 5 = 0$

(4) $2x^2 + x + 3 = 0$

(5) $2x^2 + 4\sqrt{3}x + 6 = 0$

(6) $x^2 + 4x + 3\sqrt{7} = 0$