

1

(1) $2x^3 + 10x^2 - 13x + 5$

(2) $-7x^2 + 12x + 1$

(3) $\frac{-1}{24}$

(4) $4\sqrt{3} + 6\sqrt{2} - 1$

2

(1) $x = -2, 12$

(2) $\frac{2}{3} < x < 4$

(3) $(x, y) = (7, 15)$

(4) $-7 < x < -3$

3

$(a, b) = (12, -6)$

4 9

5 $\frac{1}{4}$

6 各