

問題 1

1.	$x = \frac{1}{9}$
2.	$a = -1$ $b = \frac{8}{81}$
3.	x の値 $x = \frac{1}{2}$ $f(x)$ の最小値 $= -\frac{49}{324}$
4.	$x^2 + (q - 4)x + (-2q + r + 4)$

問題 2

1.	(1)	12
	(2)	4032
	(3)	42
2.	(1)	$\frac{3}{8}$ (0.375)
	(2)	$\frac{1}{2}$ (0.5)
	(3)	750 (円)
3.	(1)	11011 ₍₂₎
	(2)	1000001 ₍₂₎

問題 3

1.	$a = 1$
2.	$(-2, -1), (1, 2)$
3.	$\frac{4\sqrt{2}}{9}$
4.	3
5.	$f(x) = -2x^2 + x + 3$