

数 学

① 解答 (1)ア. $5i, -4i$ (2)イ. $y = -x^2 + 3x - 4$
(3)ウ. $45^\circ, 135^\circ$ (4)エ. 13333 (5)オ. $y = 9x - 16$

② 解答 (1)ア. $\frac{1}{2}$ (2)イ. $\frac{1}{72}$ (3)ウ. $\frac{16}{81}$ (4)エ. $\frac{11}{27}$
(5)オ. $\frac{5}{36}$

③ 解答 (1)ア. 1799 (2)イ. 1199 (3)ウ. 719 (4)エ. 119
(5)オ. 960

④ 解答 (1)ア. $y = x + 1$ (2)イ. $y = x^2 - 4x + 5$
(3)ウ. $y = x - \frac{5}{4}$ (4)エ. $(\frac{5}{2}, \frac{5}{4})$ (5)オ. $\frac{9}{4}$