

第1回

① (1) -11 (2) $\frac{4x-4}{3}$ (3) $x=3, y=-1$ (4) 78点 (5) $4\sqrt{6}$ (6) ⑥ (7) $-4\sqrt{2}$ (8) 225匹
(9) ⑥, ⑥ (10) 5分

② 問1 $15, \frac{1}{4}$ 問2 (1) 3個 (2) 10 (3) $\frac{11}{18}$

③ (1) 2 (2) $E(5, 9)$ $F(14, 9)$ (3) $\left(\frac{7}{2}, \frac{3}{2}\right)$ (4) $y = \frac{1}{2}x - \frac{1}{4}$

④ (1) $\frac{16\sqrt{2}}{3}$ (2) 120° (3) $6\sqrt{3}$ (4) $\sqrt{2}$