

慶應義塾女子高等学校 2025 年入試 数学解答速報

1 [1] (1) $\frac{2x+5}{2}$ (%) (2) $x=6$

[2] (1) $x=36, y=7.5$ (2) $z=4.5$

2 [1] $S = \frac{b}{a}$

[2] $\frac{1}{6}$

[3] $t = \frac{3}{2}, 2, 3$

3 [1] $C\left(2t, \frac{4}{9}t^2\right)$

[2] $\frac{1}{3}t^2$

[3] (1) $t=3, AC : y = \frac{1}{3}x+2$ (2) $(-6, 4), (9, 9)$

4 [1] 90°

[2] $2\sqrt{2}$

[3] $\angle APB = 105^\circ, AB = \sqrt{6} + \sqrt{2}$

[4] $6 - 2\sqrt{3}$

5 [1] $\frac{3}{2}$

[2] $\frac{1}{4}$

[3] $\frac{x}{4}$

[4] $\frac{111}{50}$