

筑波大学附属駒場高等学校 2025 年入試 数学解答速報

1

(1) $q = \frac{3}{2}$ (2) $a = -10$ (3) $q = 3 - \sqrt{2}$

2

(1) 60 (2) $\langle n \rangle = \frac{2}{3}n$ (3) $\langle n \rangle = \frac{8}{15}n$ (4) 35, 39, 45, 52, 56, 72

3

(1) $20\sqrt{2}$ cm (2)(ア) $\frac{825\sqrt{3}}{2}$ cm² (イ) $\frac{3625\sqrt{6}}{2}$ cm³

4

(1) 45° (2) $2a + 30$ (°) (3) $96\pi + 36\sqrt{3} + 72$ (m²)