

力だめし⑮解答

【1】 (1) $2^2 \times 3$ (2) $2^2 \times 5$ (3) $3^2 \times 5$ (4) 2×7^2
(5) $2^4 \times 3^2$

【2】 (1) ① $\pm\sqrt{2}$ ② ± 3 ③ $\pm\sqrt{1.6}$ ④ ± 0.5 ⑤ $\pm\frac{6}{11}$

(2) ①9 ②13 ③ -1.1 ④ $\frac{7}{9}$ ⑤

(3) ① $\frac{\sqrt{14}}{7}$ ② $\frac{2\sqrt{5}}{3}$ ③ $\sqrt{3}$ ④ $\frac{\sqrt{5}}{5}$

(4) ① $8 < \sqrt{65}$ ② $-6 < -\sqrt{33}$ ③ $10 < \sqrt{112} < 11$

(5) ①22.36 ②70.71 ③0.2236 ④0.7071

【3】 (1) 6 (2) 3 (3) $2\sqrt{3}$ (4) $5\sqrt{2}$ (5) 7 (6) $16\sqrt{3}$

【4】 $n=3, 18, 27, 30$

【5】 $n=70, 280$