

中1数学 体積・表面積<テスト対策問題>解答

練習1 底面積: $6\text{cm}^2$  側面積: $48\text{cm}^2$  表面積: $60\text{cm}^2$

練習2 (1) $72\text{cm}^2$  (2) $56\text{cm}^2$

練習3  $144\text{cm}^2$

練習4  $72\pi\text{cm}^2$

練習5 (1) $30\pi\text{cm}^2$  (2) $20\pi\text{cm}^2$

練習6  $5\text{cm}$

練習7  $115\pi+180\text{cm}^2$

練習8  $48\text{cm}^2$

練習9 (1) $6\pi\text{cm}$  (2) $180^\circ$  (3) $27\pi\text{cm}^2$

練習10 (1) $10\pi\text{cm}$  (2) $120^\circ$

練習11 (1) $25\pi\text{cm}^2$  (2) $60\pi\text{cm}^2$  (3) $85\pi\text{cm}^2$

練習12 (1) $24\pi\text{cm}$  (2) $64\pi\text{cm}^2$

練習13 (1) $18\text{cm}$  (2) $80^\circ$

練習14 (1) $180\text{cm}^3$  (2) $72\text{cm}^3$

練習15 (1) $60\text{cm}^3$  (2) $45\text{cm}^3$

練習16  $32\pi\text{cm}^3$

練習17  $543\pi\text{cm}^3$

練習18  $240\text{cm}^3$

練習19 (1) $96\text{cm}^3$  (2)  $\frac{112}{3}\text{cm}^3$

練習20 (1) $270\text{cm}^3$  (2) $196\pi\text{cm}^3$  (3) $63\pi\text{cm}^3$

練習21  $12\pi\text{cm}^3$

練習22 Pのほうが $16\pi\text{cm}^3$ 大きい

練習23  $12\text{cm}$

練習24 12倍

練習25 6分の1

練習26  $240\text{cm}^3$

練習27  $9\text{cm}$

練習28  $\frac{125}{3}\text{cm}^3$

練習29 表面積: $16\pi\text{cm}^2$  体積:  $\frac{32}{3}\pi\text{cm}^3$

練習30 表面積: $36\pi\text{cm}^2$  体積: $36\pi\text{cm}^3$

練習31 (1) $18\pi\text{cm}^2$  (2) $27\text{cm}^2$

練習32  $48\pi\text{cm}^2$

練習33 (1) $288\pi\text{cm}^3$  (2) $156\text{cm}^2$

練習34  $30\pi\text{cm}^3$