

中1 数学 体積・表面積<テスト対策問題>解答

練習1 底面積: 6cm^2 側面積: 48cm^2 表面積: 60cm^2

練習2 (1) 72cm^2 (2) 56cm^2

練習3 144cm^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 5cm

練習7 $115\pi+180\text{cm}^2$

練習8 48cm^2

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

練習10 (1) $10\pi\text{cm}$ (2) 120°

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) 18cm (2) 80°

練習14 (1) 180cm^3 (2) 72cm^3

練習15 (1) 60cm^3 (2) 45cm^3

練習16 $32\pi\text{cm}^3$

練習17 $543\pi\text{cm}^3$

練習18 240cm^3

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

練習20 (1) 270cm^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 12cm

練習24 12倍

練習25 6分の1

練習26 240cm^3

練習27 9cm

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) 27cm^2

練習32 $48\pi\text{cm}^2$

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

練習34 $30\pi\text{cm}^3$