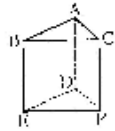


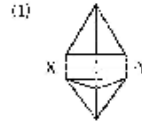
P 1 9 7 基本のたしかめ

1

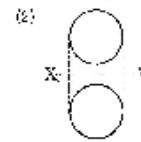


- (1) BFとACは
ねじれの位置にある
- (2) CDと平行な平面は、
平面 ABED
- (3) 平面 ABCと平行な
平面は 平面 DEFG

2

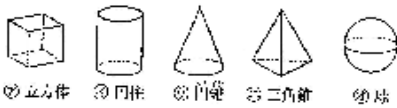


(1) 三角錐



(2) 球

3



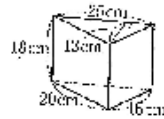
① 直方体 ② 円柱 ③ 円錐 ④ 三角錐 ⑤ 球

(1) 回転体 ①②③

(2) ①④

4

(1) 三角柱



(2) 半径2cmの球



4

$$V = \frac{25 \times 12}{2} \times 18 = 2700 \quad (1) \quad (\text{cm}^3)$$

$$S = \frac{25 \times 12}{2} \times 2 + 18 \times (20 + 15 + 25) = 300 + 1080 = 1380 \quad (\text{cm}^2)$$

$$(2) \quad V = \frac{4}{3} \pi \times 2^3 = \frac{32\pi}{3} \quad (\text{cm}^3)$$

$$S = 4\pi \times 2^2 = 16\pi \quad (\text{cm}^2)$$