

## DM1-24C 空間図形：体積 発展 解答

### 【1】条件から体積を求める

- |                         |                         |
|-------------------------|-------------------------|
| (1) $480\text{cm}^3$    | (2) $567\text{cm}^3$    |
| (3) $600\text{cm}^3$    | (4) $504\text{cm}^3$    |
| (5) $396\pi\text{cm}^3$ | (6) $320\pi\text{cm}^3$ |

### 【2】錐体の体積

- |                          |                          |
|--------------------------|--------------------------|
| (7) $180\text{cm}^3$     | (8) $384\text{cm}^3$     |
| (9) $180\text{cm}^3$     | (10) $140\text{cm}^3$    |
| (11) $100\pi\text{cm}^3$ | (12) $216\pi\text{cm}^3$ |

### 【3】逆算問題

- |          |          |
|----------|----------|
| (13) 8cm | (14) 9cm |
| (15) 9cm | (16) 9cm |
| (17) 4cm | (18) 6cm |

### 【4】複合・比較問題

- |                                       |                          |
|---------------------------------------|--------------------------|
| (19) $240\pi\text{cm}^3$              | (20) $288\text{cm}^3$    |
| (21) 3倍                               | (22) $150\text{cm}^3$    |
| (23) $360\text{cm}^3, 180\text{cm}^3$ | (24) $196\pi\text{cm}^3$ |