

DM1-23C 空間図形：表面積 発展 解答

【1】条件から表面積を求める

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|-------------------------|-------------------------|
| (1) 208cm^2 | (2) 486cm^2 |
| (3) $170\pi\text{cm}^2$ | (4) $192\pi\text{cm}^2$ |
| (5) $52\pi\text{cm}^2$ | (6) $154\pi\text{cm}^2$ |

【2】底面積・側面積から求める

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|-------------------------|--------------------------|
| (7) 144cm^2 | (8) 192cm^2 |
| (9) $130\pi\text{cm}^2$ | (10) $104\pi\text{cm}^2$ |
| (11) $24\pi\text{cm}^2$ | (12) $96\pi\text{cm}^2$ |

【3】展開図を考えて求める

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|--------------------------|--------------------------|
| (13) 210cm^2 | (14) 162cm^2 |
| (15) $104\pi\text{cm}^2$ | (16) $208\pi\text{cm}^2$ |
| (17) $33\pi\text{cm}^2$ | (18) $85\pi\text{cm}^2$ |

【4】逆算問題

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|-------------------|--------------------|
| (19) 5cm | (20) 7cm |
| (21) 8cm | (22) 10cm |
| (23) 5cm | (24) 7cm |