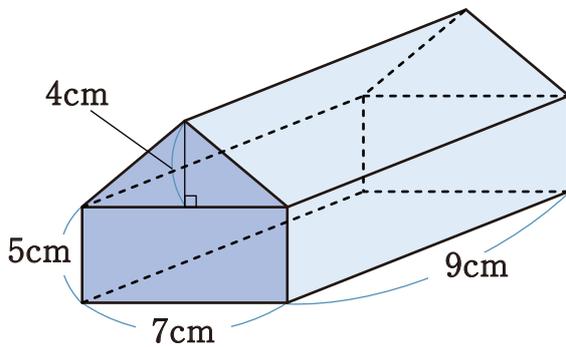
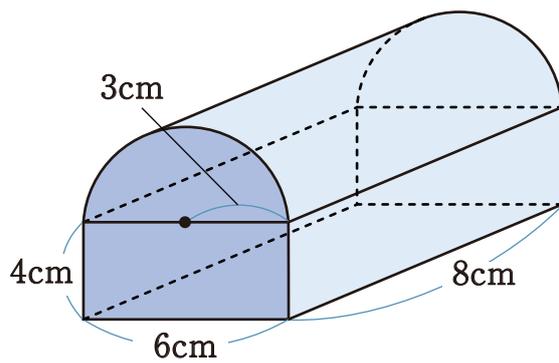


1 次の図形の体積を求めなさい。

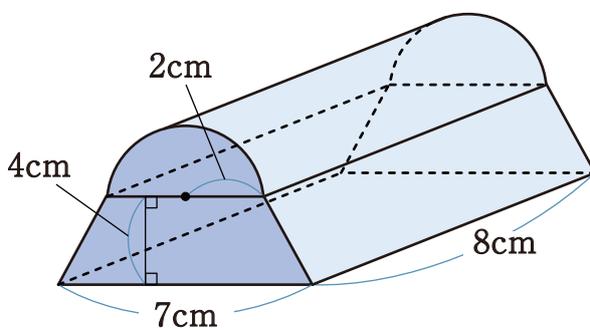
①



②

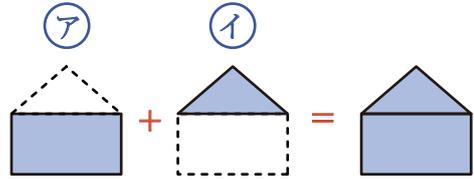
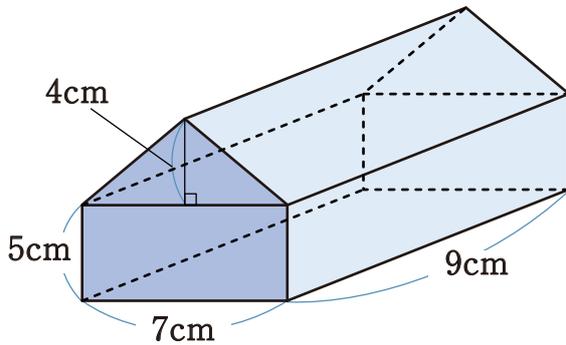


③



1 次の図形の体積を求めなさい。

①



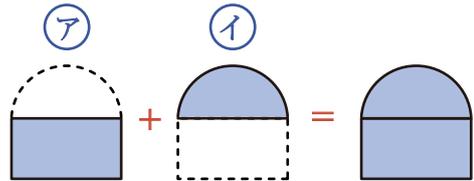
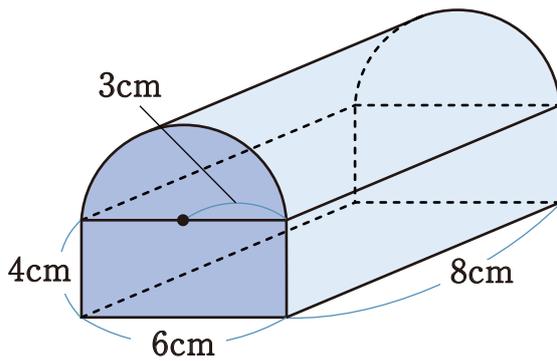
$$441\text{cm}^3$$

$$7 \times 5 = 35 \quad \dots \text{ア}$$

$$\frac{1}{2} \times 7 \times 4 = 14 \quad \dots \text{イ}$$

$$(35 + 14) \times 9 = 441\text{cm}^3$$

②



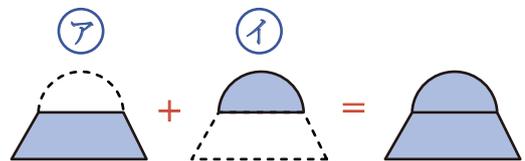
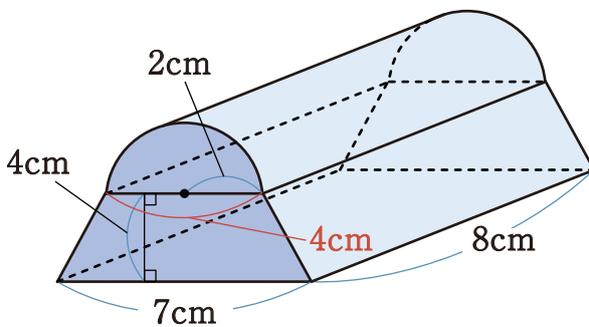
$$(192 + 36\pi)\text{cm}^3$$

$$6 \times 4 = 24 \quad \dots \text{ア}$$

$$\pi \times 3^2 \times \frac{1}{2} = \frac{9}{2}\pi \quad \dots \text{イ}$$

$$(24 + \frac{9}{2}\pi) \times 8 = (192 + 36\pi)\text{cm}^3$$

③



$$(176 + 16\pi)\text{cm}^3$$

$$(4 + 7) \times 4 \times \frac{1}{2} = 22 \quad \dots \text{ア}$$

$$\pi \times 2^2 \times \frac{1}{2} = 2\pi \quad \dots \text{イ}$$

$$(22 + 2\pi) \times 8 = (176 + 16\pi)\text{cm}^3$$