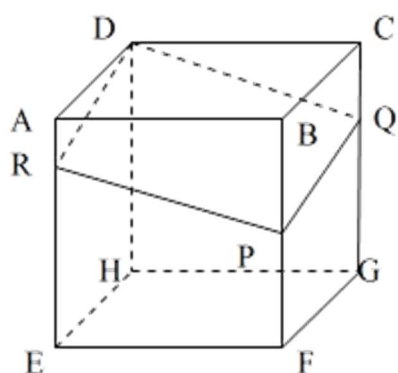


(1)



$$\begin{aligned} GQ &= 12\text{cm} \quad PF = 9\text{cm} \\ RE + QG &= DH + PF \\ RE &= 18 + 9 - 12 = 15 \\ AR &= 18 - 15 = 3 \end{aligned}$$

(答え) 3cm

(2) 平均は高さが $(18+9) \div 2 = 13.5\text{cm}$ になるので、
 $18 \times 18 \times 13.5 = 4374$

(答え) 4374cm^3