

$V_{\text{باج}} = S \cdot h$ (سوال 10)

$= r \times r \times \pi \times h = r \times r \times \pi \times 6$

$V_{\text{لوز}} = S \cdot h$

$= r \times r \times \pi \times h = r \times r \times \pi \times 6$

$\frac{V_{\text{باج}}}{V_{\text{لوز}}} = \frac{r \times r \times \pi \times 6}{r \times r \times \pi \times 6} = 1$

$V = S \cdot h$

$S = P \cdot h$

$S_{\text{كل}} = S_{\text{جانبی}} + 2 S_{\text{تسطب}}$

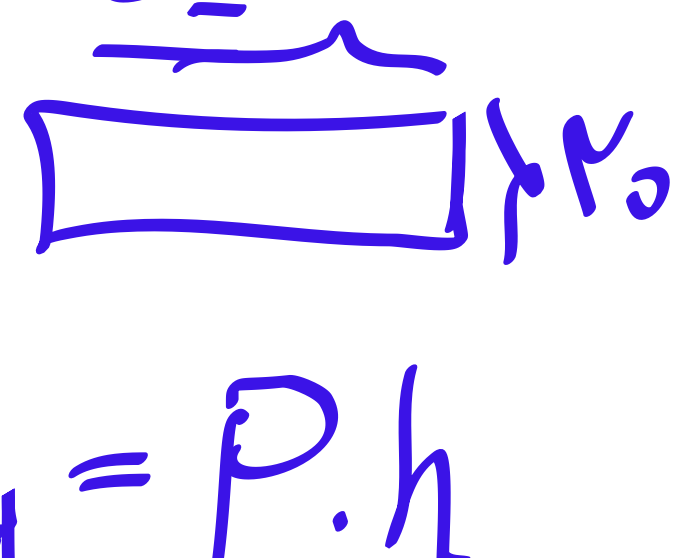
$S_{\text{تسطب}} = p \cdot h$

$= (2r \times \pi) \cdot h$

$= (2 \times 9 \times \pi) \times 1 = 18\pi$

$S_{\text{جانبی}} = 20 \times 5 = 100$

$\frac{100}{\pi} \approx 31.8 \Rightarrow 31.8 \times \pi$



سوال 10

$S_{\text{كل}} = P \cdot h$

$= (2r \times \pi) \times 10 = 20 \times \pi \times 10 = 200\pi$

$18\pi \times 10 = 1800\pi$ باج (سوال 10)

$S = S_{\text{جانبی}} + S_{\text{تسطب}}$

$= p \cdot h + r \times r \times \pi$

$= 9 \times \pi \times 20 + 3 \times 3 \times \pi$

$= 180\pi + 9\pi = 189\pi$

$\frac{1 \text{ m}^2}{189\pi} = \frac{3.14 \times 100}{189\pi}$

$= 1700\pi$

سوال 10

$S_{\text{كل}} = S_{\text{جانبی}} + 2 S_{\text{تسطب}}$

$= p \cdot h + 2S$

$= 10 \times 10 + 10 \times 10 \times 2$

$= 100 + 200 = 300$

سوال 10

$S_{\text{كل}} = S_{\text{جانبی}} + 2 S_{\text{تسطب}}$

$= P \cdot h + 2S$

$= 10 \times 20 + 2 \times 10 \times 10$

$= 200 + 200 = 400$