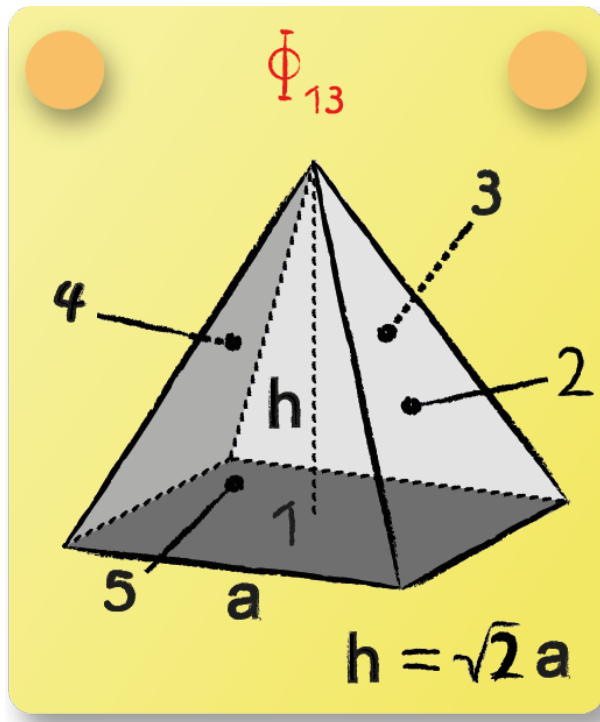


View Factor: Task 57



The image shows a pyramid with side length a and height $h = 2a$.

1



$$\phi_{13} = \frac{1}{4}$$

2



For symmetry considerations it is $\Phi_{12} = \Phi_{13} = \Phi_{14} = \Phi_{15}$. Applying the sum rule for Φ_{1j} with Φ_{11} being zero, Φ_{13} is obtained.