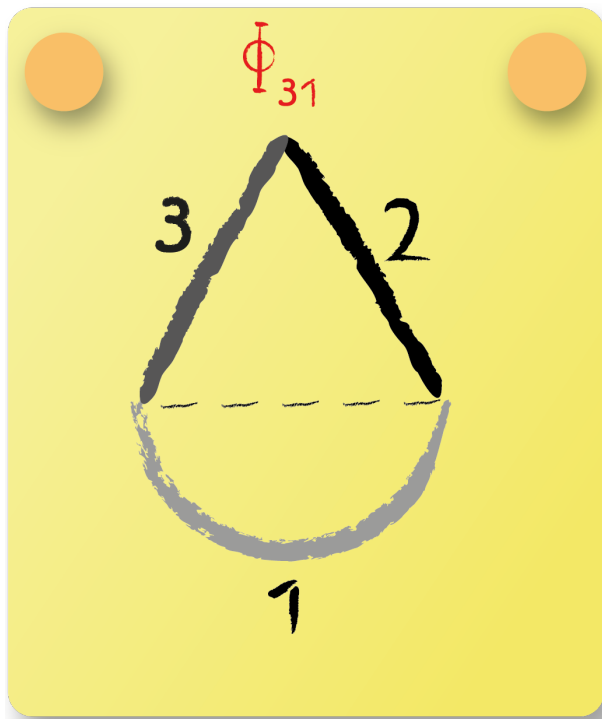




## View Factor: Task 22



The image shows a combination of a triangular and a hemisphere body. What is  $\phi_{31}$ ?

1



$$\phi_{31} = 1/2$$

2



As we know the triangle is equilateral,  $\phi_{3,2}$  and  $\phi_{3,4}$  are  $1/2$  from symmetry so the enclosure rule is valid for  $\phi_{3,1} + \phi_{3,2} + \phi_{3,3} = 1$ .