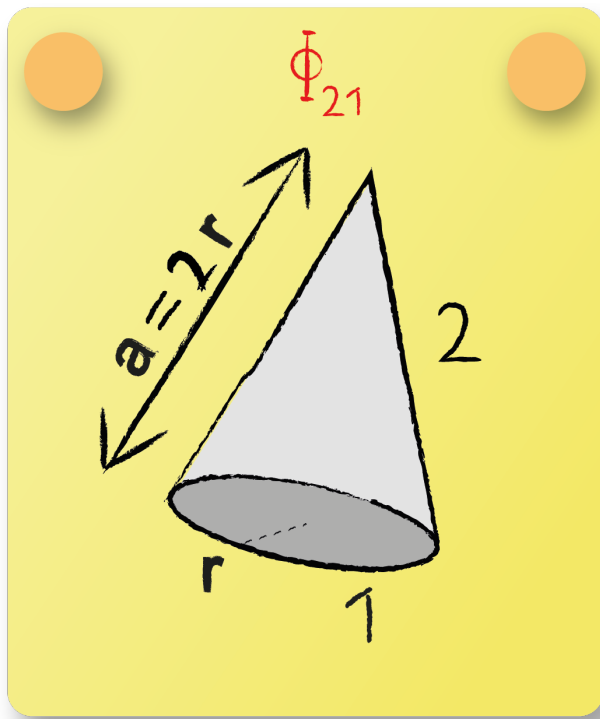




## View Factor: Task 41



The image shows a cone, which side length  $a$  equals  $2r$ .

1



$$\phi_{21} = \frac{1}{2}$$

2



Surface 1 only sees Surface 2, therefore  $\Phi_{12}$  equals 1. Taken into account the reciprocity rule, including surfaces  $A_1 = \pi r^2$  and  $A_2 = \pi r a$ , one obtains the view factor  $\Phi_{21}$ .