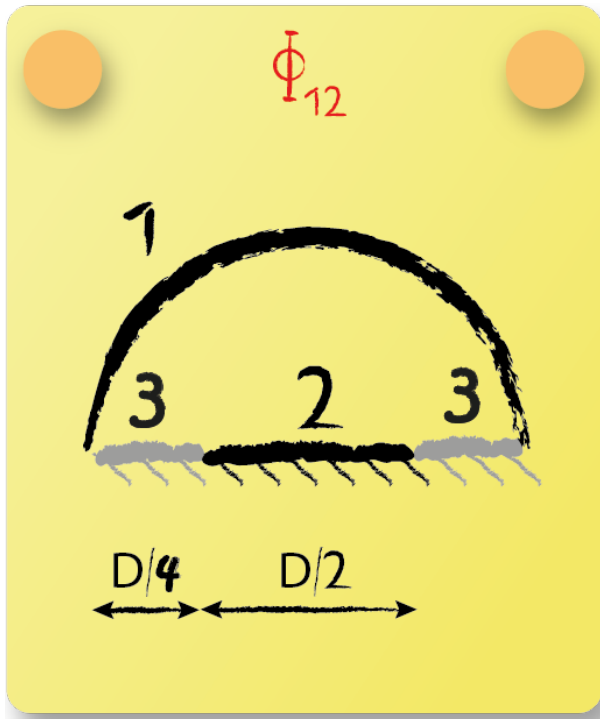


## View Factor: Task 30



The image shows a semicircular body with radius  $r$ . The length of body 2 is equal to  $r$ , length of body 3's patches is  $\frac{1}{2}r$ .

1



$$\phi_{12} = 1/\pi$$

2



Due to the reciprocity rule,  $\phi_{1,2} = (A_2/A_1) \cdot (\phi_{2,1})$  is applied because  $\phi_{2,1}$  is known as 1.