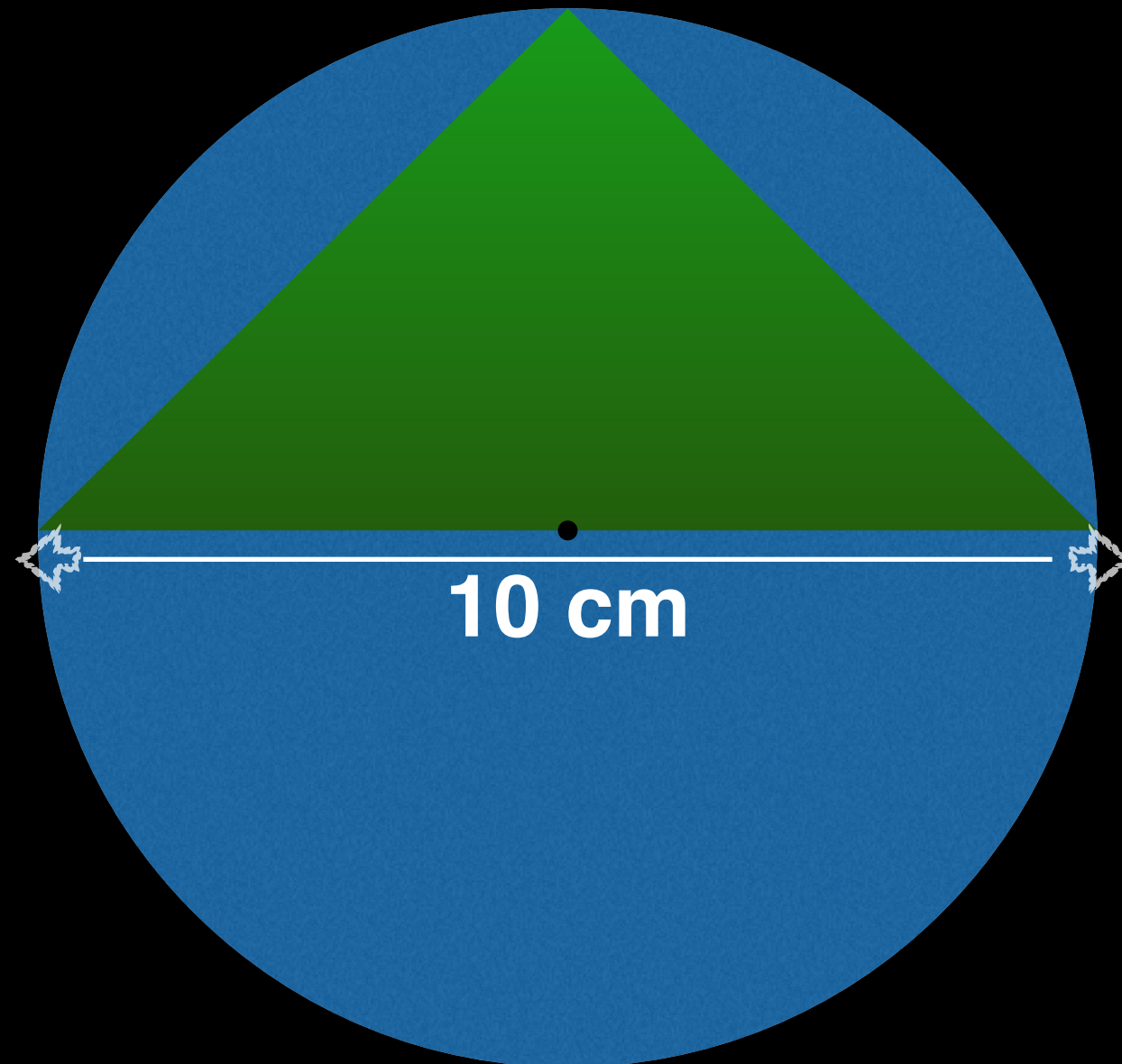




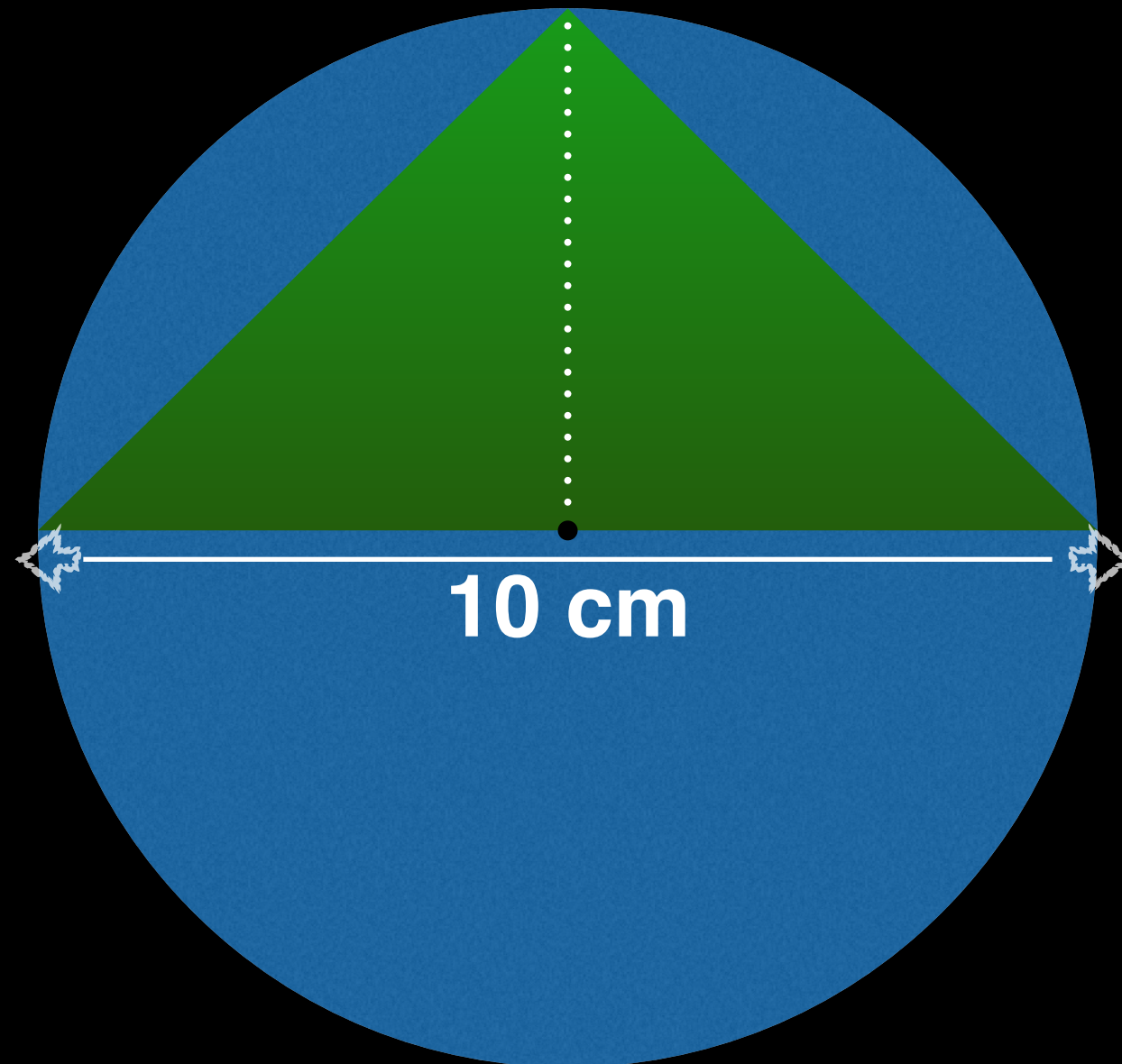
# Welcome Back!

Circle and Triangle Review

1. Find the area of the triangle below:



Find the area of the triangle  
below:

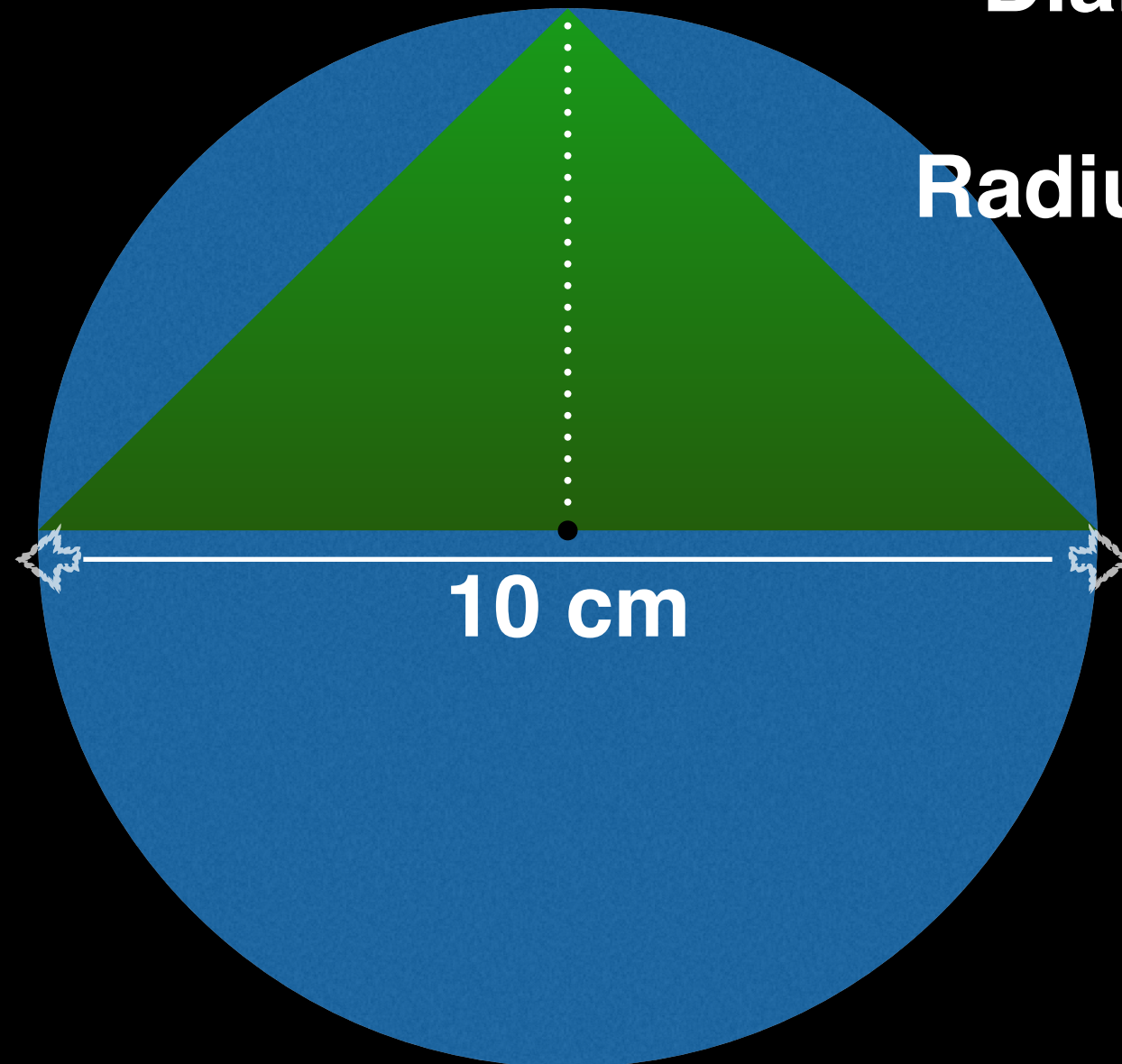


Find the area of the triangle  
below:

**Diameter: 10 cm**

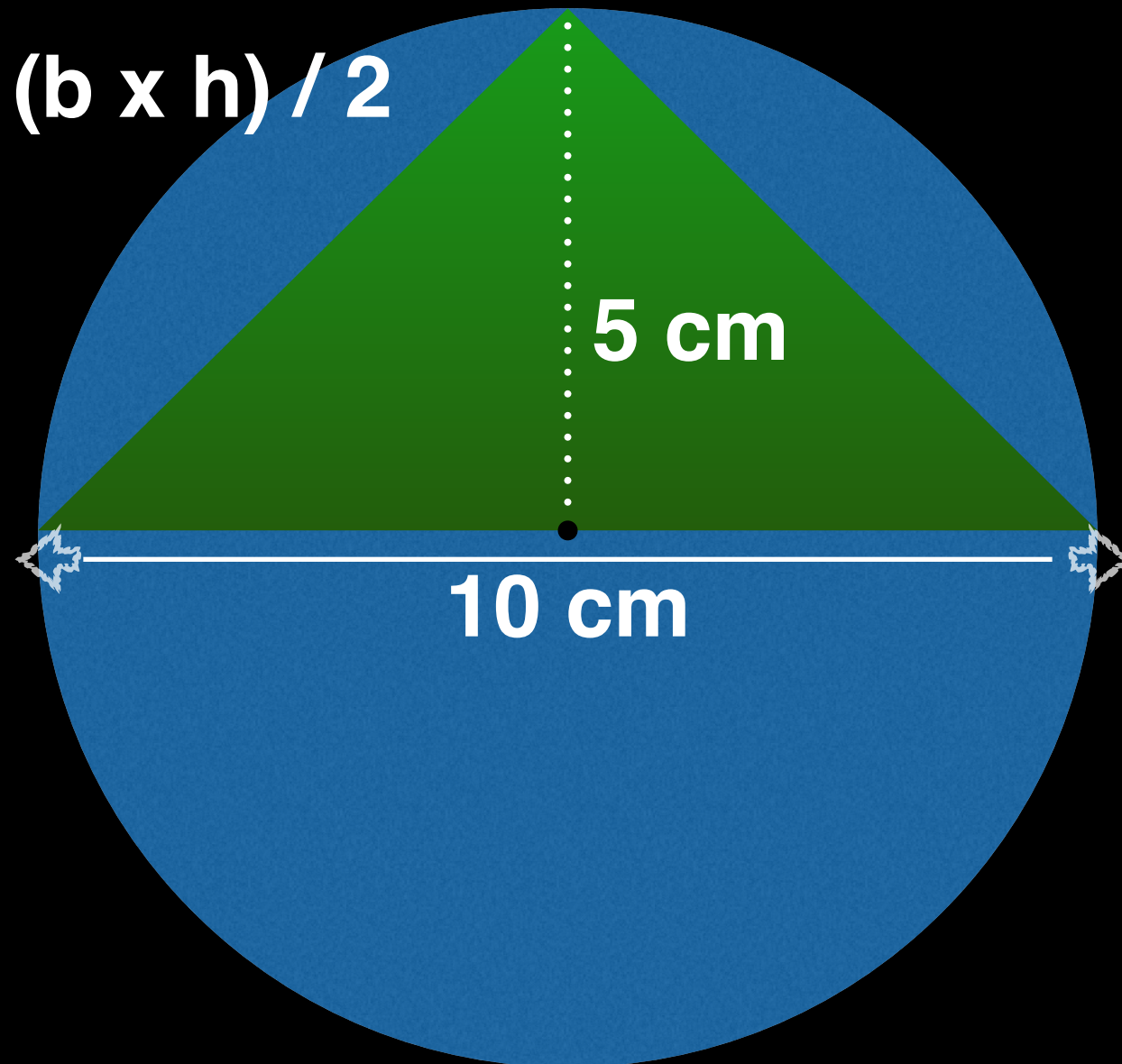
**Radius: Diameter / 2**  
**= 10/2**

**Radius = 5 cm**

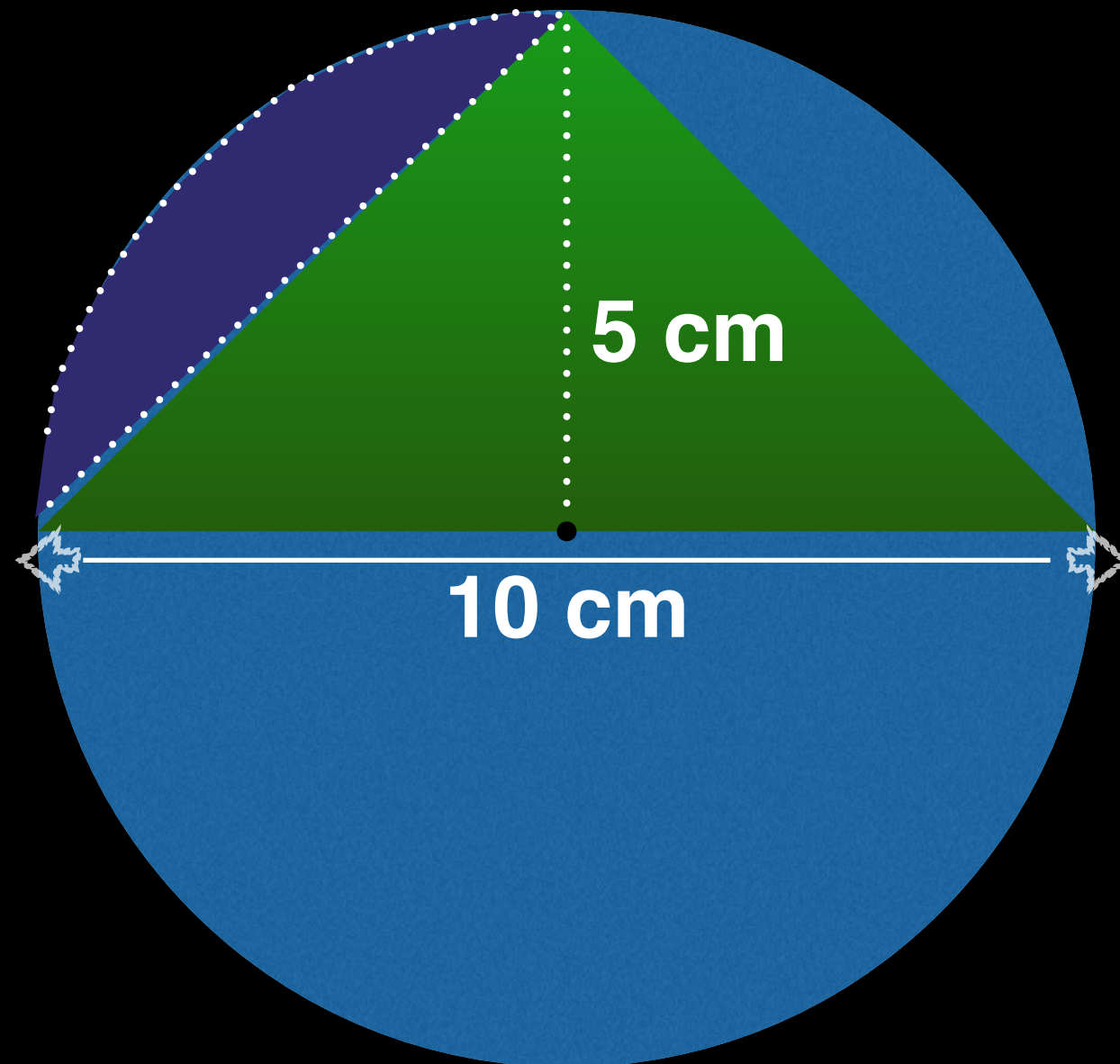


Find the area of the triangle  
below:

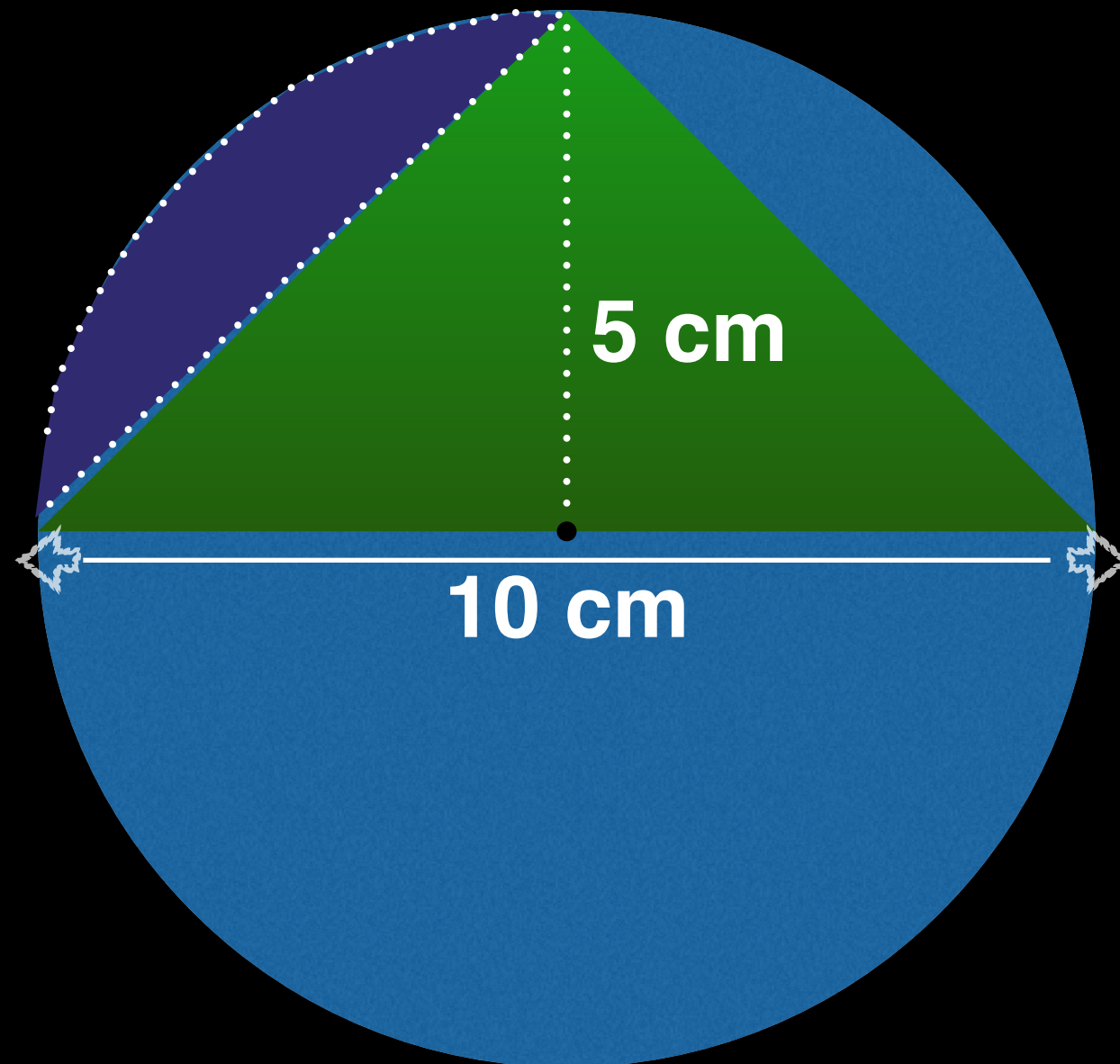
$$\begin{aligned}\text{Area Triangle: } & (b \times h) / 2 \\ &= (10 \times 5) / 2 \\ &= 50 / 2 \\ &= 25 \text{ cm}^2\end{aligned}$$



2. Find the area of the shaded region below:



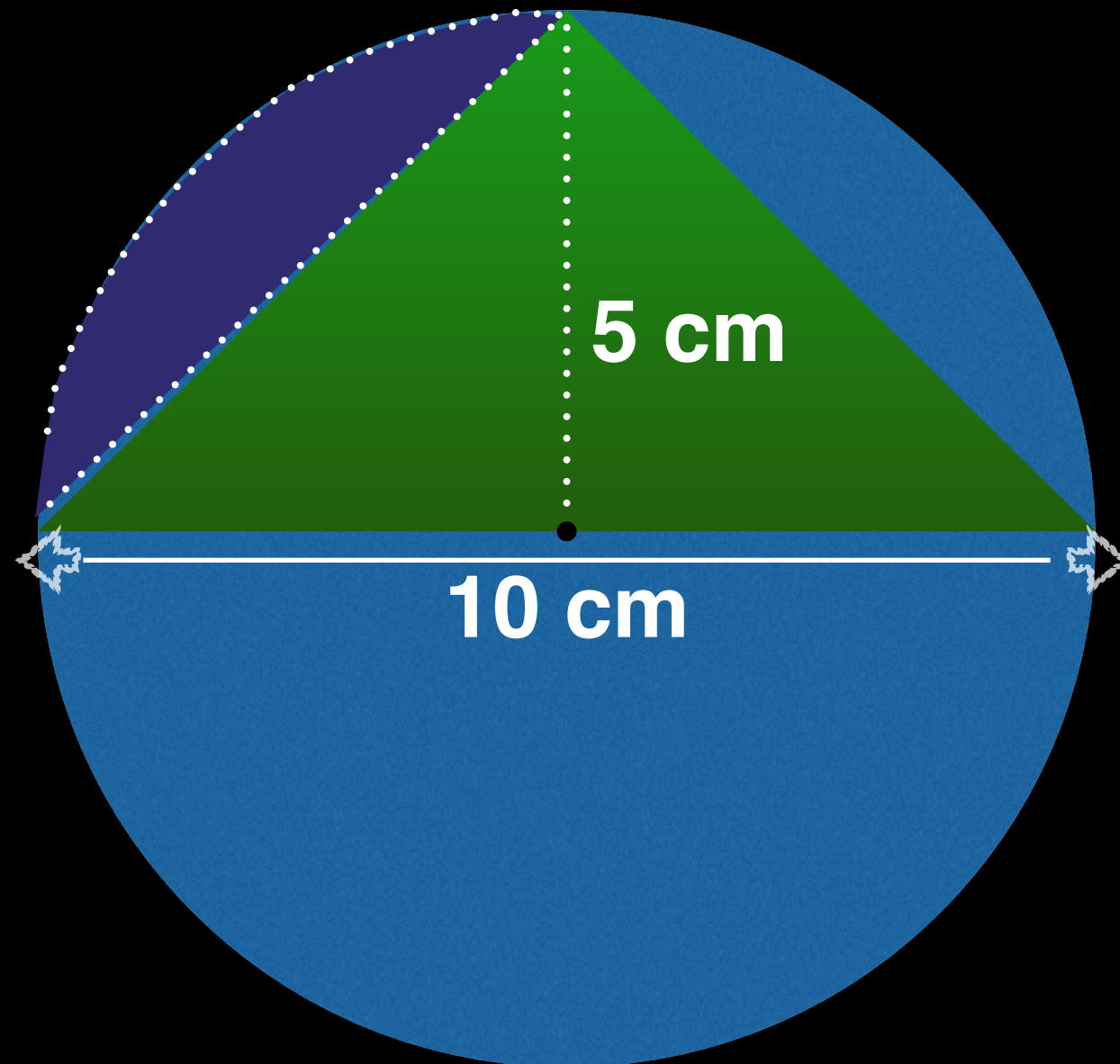
2. Find the area of the shaded region below:



**Total Area?**

**Circle:  $\text{Pi} \times r^2$**

2. Find the area of the shaded region below:

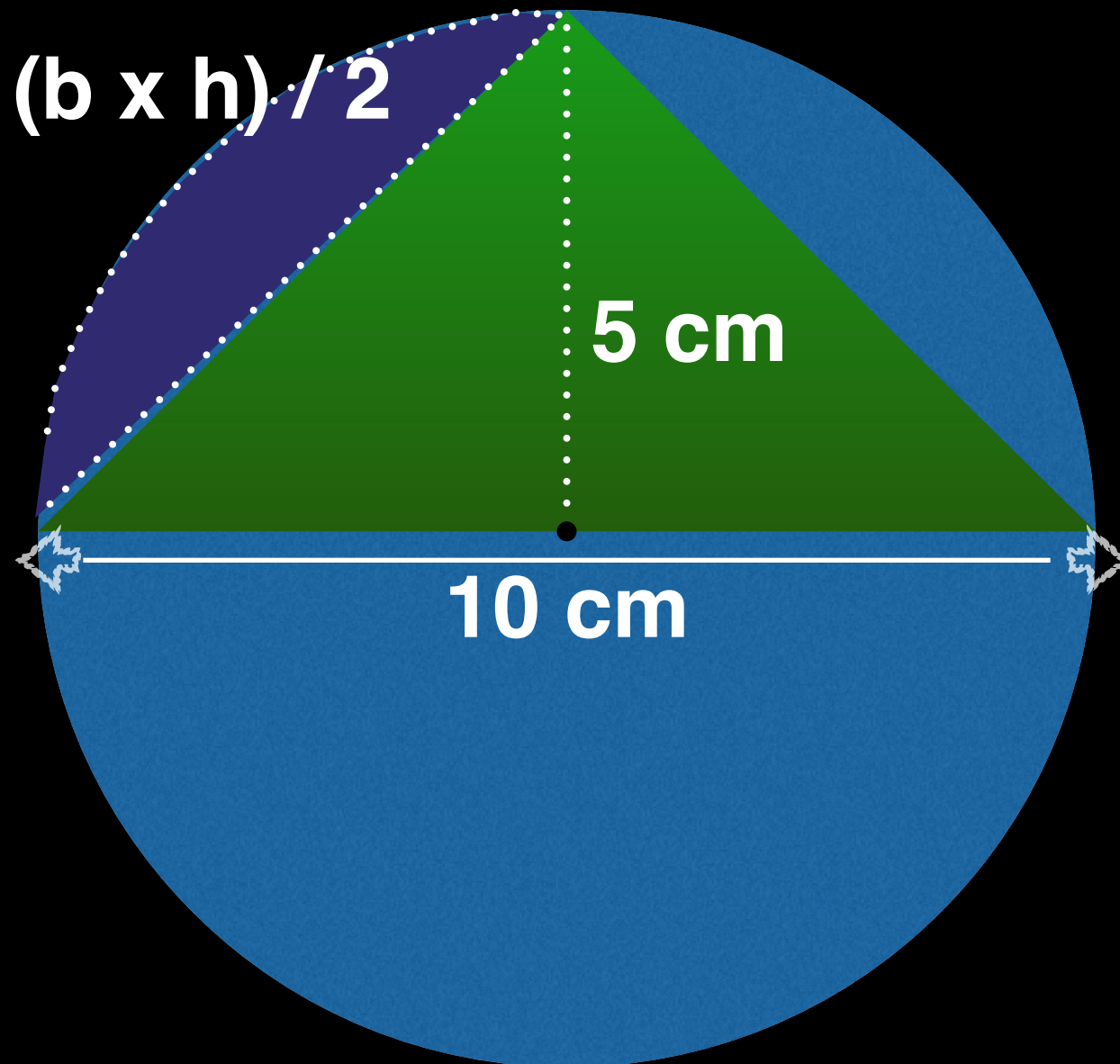


**Circle:  $\pi \times r^2$**   
 **$= 3.14 \times 5^2$**   
 **$= 3.14 \times 25$**   
 **$= 78.5 \text{ cm}^2$**



2. Find the area of the shaded region below:

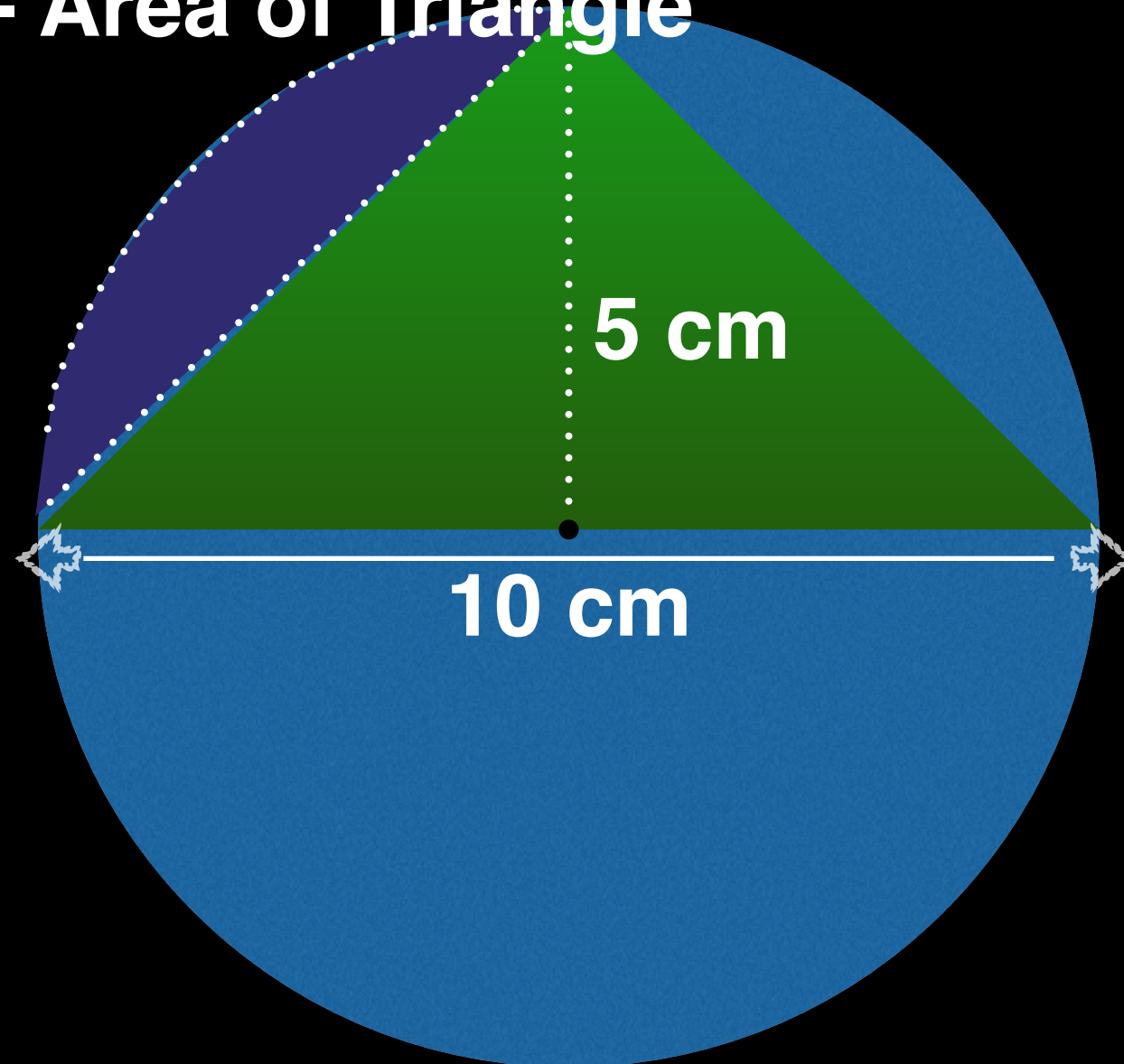
**Area Triangle:  $(b \times h) / 2$**   
 **$= (10 \times 5) / 2$**   
 **$= 50 / 2$**   
 **$= 25 \text{ cm}$**



**Circle:  $\text{Pi} \times r^2$**   
 **$= 3.14 \times 5^2$**   
 **$= 3.14 \times 25$**   
 **$= 78.5 \text{ cm}^2$**

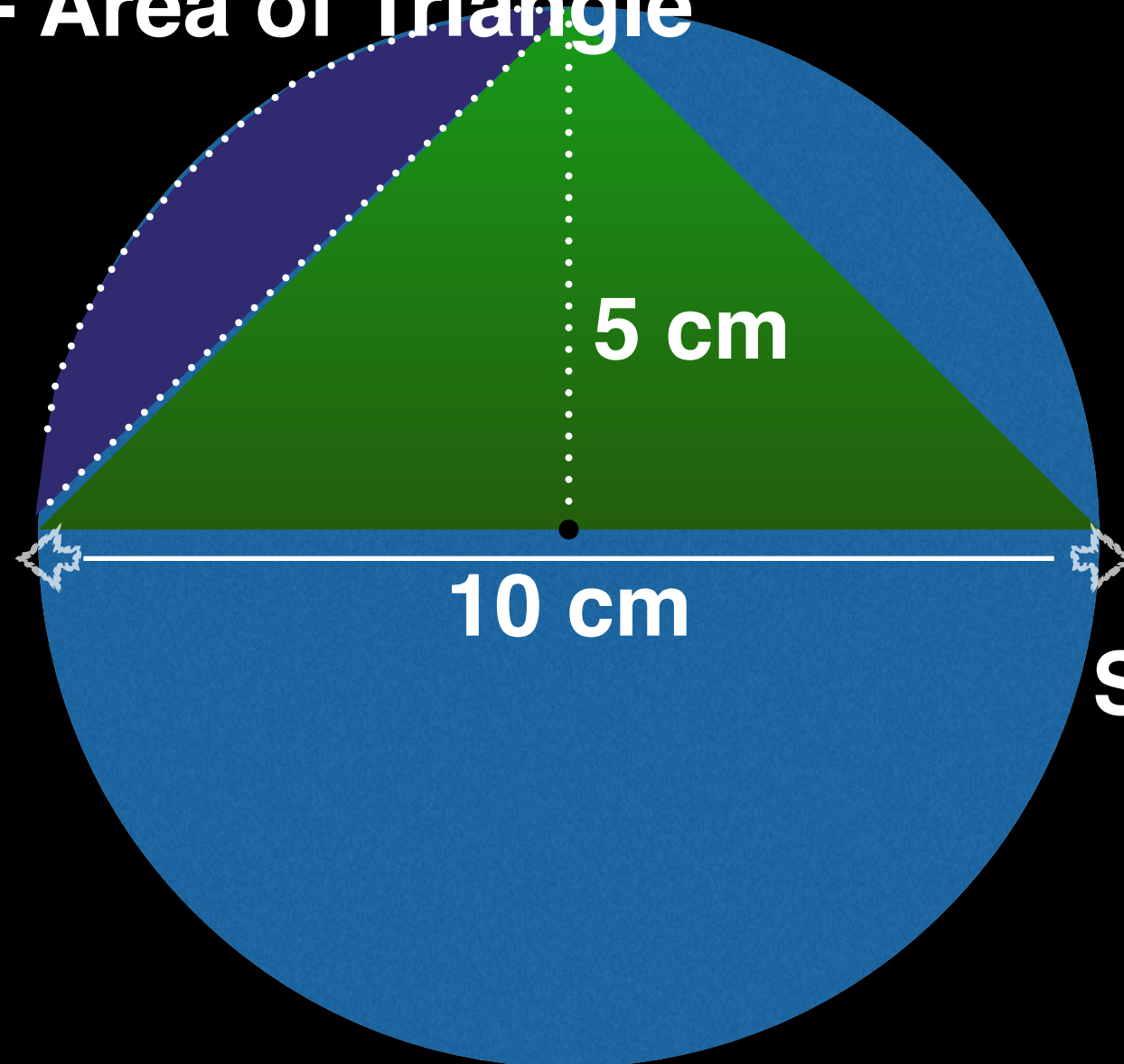
2. Find the area of the shaded region below:

$$\begin{aligned} &\text{Area of Circle} - \text{Area of Triangle} \\ &= 78.5 - 25 \\ &= 53.5 \text{ cm}^2 \end{aligned}$$



2. Find the area of the shaded region below:

$$\begin{aligned} &\text{Area of Circle} - \text{Area of Triangle} \\ &= 78.5 - 25 \\ &= 53.5 \text{ cm}^2 \end{aligned}$$



$$\begin{aligned} &\text{Shaded region:} \\ &= 53.5 / 2 \\ &= 26.75 \text{ cm}^2 \end{aligned}$$