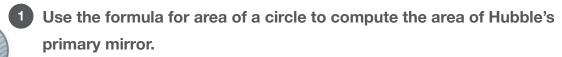


## TT IN THE SKY 10



## **RAD REFLECTION**

How much bigger is the surface of Webb's primary mirror than Hubble's?



$$A = \pi r^2$$

$$\pi (1.2 \text{ m})^2 \approx 4.5 \text{ m}^2$$

2 Subtract the area of Hubble's primary mirror from the area of Webb's primary mirror.

26.4 
$$\text{m}^2$$
 - 4.5  $\text{m}^2$  = 21.9  $\text{m}^2$ 

