



π IN THE SKY⁹

Answer Key

Lunar Logic

How much area does one of Lunar Flashlight's lasers cover in a single pulse?

1. Use the formula for area of a circle to calculate the area covered by a laser pulse.

$$A = \pi r^2$$

$$A = \pi (17.5\text{m})^2$$

$$A = \pi (306.25 \text{ m}^2)$$

$$A \approx 962 \text{ m}^2$$

