

Example #2

Calculate the area of a semicircle with a diameter of 31 meters.



$$\begin{array}{c} d=31 \\ \downarrow \\ r=15.5 \end{array}$$

$$A = \frac{\pi r^2}{2}$$

$$A = \frac{\pi \times 15.5^2}{2}$$

$$A = \frac{240.25\pi}{2} \approx 377.4 \text{ m}^2$$

How To Find Area With Diameter

Rosina Ehmann



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