If the area of a circle is 16 meters what is the radius in meters

$From\ the\ formula\ S = \pi r^2 (where\ r\ is\ radius, S\ is\ area), we\ can\ find\ radius\ r:$

$$r^2 = \frac{S}{\pi}, \quad r = \sqrt{\frac{S}{\pi}} = \sqrt{\frac{16}{3.14}} = 2.26m$$