38. $\left(a^{-\frac{1}{3}}\right)-\frac{1}{\beta_{3}}=a^{\frac{7}{18}}=a^{\frac{1}{a}}$

$$
\begin{gathered}
\begin{array}{l}
\sqrt[3]{x} \\
2 \frac{1}{2} \\
2^{\frac{1}{2}} \\
r=\left(\frac{3 V}{4 \pi}\right)^{\frac{1}{3}}
\end{array} \\
r=\begin{array}{l}
33 \\
r=\sqrt[3]{\frac{3 V}{4 \pi}}
\end{array} \\
\begin{array}{l}
r=\sqrt[3]{\frac{3(413)}{4 \pi}} \\
3 \times(3 \times 413 / 4 \pi)
\end{array} \\
r=4.62 \mathrm{in}
\end{gathered}
$$

