For each radical, determine the index and radicand.

\[ \sqrt[4]{128n^8} \]
\[ \sqrt[3]{16w^3} \]
\[ \sqrt[6]{448x^7y^7} \]
\[ \sqrt[3]{1000} \]
\[ \sqrt[3]{512} \]
\[ \sqrt[3]{98k} \]
\[ \sqrt[3]{-162} \]

**Parts of a Radical**

- **Index**: The small number outside the radical sign that indicates the root.
- **Radicand**: The number or expression under the radical sign.

*If the index is not written, it is automatically 2.*