6.2 - I will simplify roots

$$
\begin{aligned}
& \underset{\substack{\text { (10 } \\
52 \\
52}}{\sqrt{50}}=\sqrt{2 \cdot 52}=5 \sqrt{2} \\
& \sqrt{108}=\sqrt{23 \cdot(333}=2.3 \sqrt{3}=6 \sqrt{3}
\end{aligned}
$$

$$
\begin{aligned}
& \sqrt{32} r_{4}^{8}=\sqrt{\left.\sigma^{4}\right)^{2}}=2^{2} \sqrt{2}=4 \sqrt{2}
\end{aligned}
$$

$$
\begin{aligned}
& \sqrt[3]{32}=\sqrt[3]{\left(2^{3} 2^{2}\right.}=2 \sqrt[3]{4} \\
& 8^{4}{ }^{4} \frac{i}{2} \\
& i_{2} \\
& i_{2}
\end{aligned} \sqrt{\sqrt[4]{32}=\sqrt[4]{2^{4 / 2}}=2 \sqrt[4]{2}} \begin{aligned}
& \sqrt[5]{32}=\sqrt[5]{2^{5}}=2
\end{aligned}
$$

$$
\begin{aligned}
& \sqrt{64 x^{4} y^{3} z^{6}}=8 x^{2} y z^{3} \sqrt{y}
\end{aligned}
$$

$$
\begin{aligned}
& \begin{array}{l}
\sqrt[6]{448 x^{7} y^{7}}=\sqrt[6]{6976 x^{2} 4^{9} y}=2 x y \sqrt[6]{7 x y} \\
2_{224}
\end{array} \\
& 2 \hat{224} \\
& 2112
\end{aligned}
$$



