Bell Work:

$$
\begin{aligned}
& \text { 1) } 7 \sqrt{108}+3 \sqrt{12}-10 \sqrt{192} \\
& 7 \sqrt{6} \sqrt{2} \sqrt{3}+3 \sqrt{4 \sqrt{3}}-10 \sqrt{64 \sqrt{3}} \\
& 42 \sqrt{3}+6 \sqrt{3}-80 \sqrt{3} \\
& -32 \sqrt{3}
\end{aligned}
$$

$$
\begin{aligned}
& \text { 2) }(\sqrt{5}-\sqrt{9})^{2} \\
& (\sqrt{5})^{2}-(\sqrt{5})(\sqrt[3]{9})(2)+(\sqrt{9})^{2} \\
& 5-6 \sqrt{5}+9 \\
& 14-6 \sqrt{5}
\end{aligned}
$$

$$
\begin{aligned}
& \text { Exarples }(\text { Notes }) \\
& \begin{aligned}
& \text { 1) } \begin{aligned}
(7 \sqrt{5}+4 \sqrt{11}(7 \sqrt{5}-4 \sqrt{11}) & (2) \frac{\sqrt[3]{32} \sqrt[3]{2}}{\sqrt[3]{4} \sqrt[3]{2}} \\
49(5)-16(11) & =\frac{\sqrt[3]{64}}{\sqrt[3]{8}}
\end{aligned}=\frac{4}{2} \\
& 245-176=2 \\
&=69 \frac{\sqrt[3]{32}}{\sqrt[3]{17}}=\sqrt[3]{\frac{32}{4}}=\sqrt[3]{8} \\
&=2
\end{aligned}
\end{aligned}
$$


4) $\frac{3-4 \sqrt{7}}{\sqrt{5}+\sqrt{3}}(\sqrt{5}-\sqrt{3})$


