

**Warm Up - Week 2**

Simplify the Radicals.

1)  $\sqrt{256} = 16$

2)  $\sqrt{\frac{7}{100}} = \frac{\sqrt{7}}{\sqrt{100}} = \frac{\sqrt{7}}{10}$

3)  $3\sqrt{5} \cdot 2\sqrt{16}$

4)  $4\sqrt{8} \cdot 3\sqrt{5}$

$$\begin{array}{l}
 6\sqrt{80} \\
 6\sqrt{16}\sqrt{5} \\
 6 \cdot 4\sqrt{5} \\
 \underline{24\sqrt{5}}
 \end{array}
 \rightarrow
 \begin{array}{l}
 6\sqrt{4}\sqrt{20} \\
 6 \cdot 2\sqrt{4}\sqrt{5} \\
 12 \cdot 2\sqrt{5} \\
 \underline{24\sqrt{5}}
 \end{array}$$

$$\begin{array}{l}
 12\sqrt{40} \\
 12\sqrt{4}\sqrt{10} \\
 12 \cdot 2\sqrt{10} \\
 \underline{24\sqrt{10}}
 \end{array}$$

**Homework Questions?**

## Self Scoring Scale

4- I can *summarize* the concepts and explain it to others.

3- I can *apply* the concepts to answer questions correctly.

2- I can *apply* the concepts but with some *mistakes*.

1- I *need help* to know how to apply the concepts.

0- I *can't* apply the concepts even with help.

## 9.1-9.2 Quiz

Out of 20 points

A - 18

B - 16

C - 14

D - 12

# Homework

"9.2 Notes" wkst #1-9

& 9.3 p.514 #1-14, 22-44even (skip #4)