

# WarmUp

Consider the following roots:

$$\sqrt{\frac{9}{25}}, \quad \sqrt{(16)(4)}, \quad \sqrt{36 + 49}$$

Are there different ways to arrive at the same answer?

Would the same patterns hold true for cube roots, 4<sup>th</sup> roots, and so on?

# Classwork

Complete Exercise 4E, Page 92

Complete Review Exercise 4A, Page 93 and 94

# Homework

Define each key term on Page 93 in your own words

# Exit Pass

Simplify the following expression

$$\frac{\sqrt{\frac{9}{25}} + \frac{1}{4}}{1 + \sqrt{\frac{1}{9}}}$$

