

### MAT0028 ~ Lesson 39

Work the following examples as you listen to the recorded lecture.

#### Introduction to Radicals

Example 1:  $\sqrt{16}$

Example 2:  $\sqrt{64}$

Example 3:  $-\sqrt{100}$

Example 4:  $\sqrt{-4}$

Example 5:  $\sqrt{\frac{9}{25}}$

Example 6:  $\sqrt{0.49}$

Example 7:  $\sqrt[3]{125}$

Example 8:  $\sqrt[3]{-27}$

Example 9:  $\sqrt[3]{a^6b^{18}}$

Example 10:  $\sqrt[3]{-27a^6b^{30}}$