

## Sec. 4.3 – Irrational Numbers

1. Simplify each radical.

a)  $\sqrt{63}$

b)  $\sqrt[3]{108}$

c)  $\sqrt[4]{128}$

2. Write each radical in simplest form, if possible.

a)  $\sqrt{30}$

b)  $\sqrt[3]{32}$

c)  $\sqrt[4]{48}$

3. Write each mixed radical as an entire radical.

a)  $7\sqrt{3}$

b)  $2\sqrt[3]{4}$

c)  $2\sqrt[3]{3}$