

Math 0404 – Pre-Algebra  
Square Roots

Simplify the following

1.  $\sqrt{25}$

2.  $\sqrt{81}$

3.  $\sqrt{121}$

4.  $\sqrt{1}$

5.  $\sqrt{-4}$

6.  $4 - \sqrt{16}$

7.  $5 + 2\sqrt{64}$

8.  $-3 - \sqrt{49}$

9.  $-5 + 4\sqrt{9}$

## Solutions

1.  $\sqrt{25}$

5

2.  $\sqrt{81}$

9

3.  $\sqrt{121}$

11

4.  $\sqrt{1}$

1

5.  $\sqrt{-4}$

Not a real number

6.  $4 - \sqrt{16}$

0

7.  $5 + 2\sqrt{64}$

21

8.  $-3 - \sqrt{49}$

- 10

9.  $-5 + 4\sqrt{9}$

7