

~~76~~ 90

90

~~78~~ 90

~~85~~ 90

96

one 1, 1

z

27

seven 7

27

five 5

52 fifty-two

$\sqrt{2}$  radical of 2

Elvira Leonore Heybey

Sean

Siobhan

Hybye

Taliaferro

College Algebra -- Intro

What you should know

Review: Chapter P

## P.1: The Real Number System

Natural Numbers  $\{1, 2, 3, 4, \dots\}$

Whole Numbers  $\{0, 1, 2, 3, \dots\}$

Integers  $\{\dots, -3, -2, -1, 0, 1, 2, 3, \dots\}$

Rational Numbers

$$\left\{ \frac{a}{b} \mid a, b \text{ integers, } b \neq 0 \right\}$$

$\{\}$

the set of all  $\frac{a}{b}$  such that

Aside:  $\frac{6}{0} = \text{undefined}$   ~~$\frac{6}{0} = 0$~~   $b = 0 \Rightarrow 0 = 0$

$\frac{a}{b} = c$  is equivalent to  $a = bc$

$\frac{6}{2} = 3$   $6 = 2(3)$

$$\frac{0}{0} =$$

Distance between two points

P.2: Integer Exponents & Scientific Notation

p. 26

P.3: Roots, Radicals, & Rational Exponents

P.4: Polynomials

p. 32

P.5: Factoring

p. 39

P.6: Rational Expressions

p. 46

P.8: Solving Basic Equations

p. 56

## Chapter One: Functions, Graphs, & Applications