

BE-1A

WEDNESDAY 10-17-07

- ① Name and define (using set notation) the 6 sets of numbers.
- ② Name all the sets to which each number belongs:
- | | |
|--------|---------------|
| Ⓐ 4 | Ⓓ $\sqrt{4}$ |
| Ⓑ -4 | Ⓔ $\sqrt{12}$ |
| Ⓒ -4.8 | Ⓕ $\sqrt{0}$ |
- ③ Which is bigger, $\sqrt{19}$ or $3.\bar{8}$?
How do you know?

WHAT is $\sqrt{256}$?

How would you simplify $\sqrt{\frac{49}{256}}$?

$$\text{Since } \frac{7}{16} \cdot \frac{7}{16} = \frac{49}{256}$$

$$\text{the } \sqrt{\frac{49}{256}} = \boxed{\frac{7}{16}}$$

$$\text{What is } -\sqrt{\frac{49}{16}} ? \quad \boxed{-\frac{7}{16}}$$

Ex 1 Page 103

Name all the sets each number belongs to:

Ⓐ $\frac{5}{22}$

Ⓑ $\sqrt{121}$

Ⓒ $\sqrt{56}$

Ⓓ $-\frac{36}{4}$

Ex 2 pg 104

PRACTICE: Pg 107 # 1 to 16

NOTE: look at graph on pg 105.

NOTE: When you get to #7,
see me & I'll make sure
you can find $\sqrt{32}$ on the
calculator

HW: Pg 107 # 20, 21, 26,
27, # 32 to 37