

Exercise 1

SCIENTIFIC NOTATION

— Workbook practice —

1. Write each number in scientific notation.

(a) 50,300

50,300 = × 10

◆ × 10

◆ × 10

◆ × 10

2. Write each number in scientific notation.

(a) 50,300

(b) 5,300

(c) 530

(d) 53

(e) 5.3

(f) 0.53

3. Write each number in scientific notation.

(a) 752,000

(b) 752,000 = × 10

(c) 7,131,000

(d) 7,131,000 = × 10

[92:1C]

a. $752,000 = 7.52 \times 10^5$

4. Write each number in scientific notation.

(a) 752,000 = 7.52 × 10⁵

(b) 7,131,000 = 7.131 × 10⁶

2.
 ()
 ()
 ()
 ()
 ()
 ()

41 60 ()
 41 60 ()
 () [92:2A]

a. $4 \geq 60$

Exercise 2

ALGEBRA TRANSLATION

Combination Symbols

Textbook practice

() 2, 1

- ◆ If you had at least \$103,
you had \geq \$103.
- ◆ If you had a minimum of 7 pets,
you had \geq 7 pets.

more than or equal to.
 at least.
 ()
 At least more than or equal to.
 \$103,
 \$103 or more than \$103.
 greater than or equal to.
 more than or equal to a minimum of.
 ()
 7 7
 a minimum of. at least greater than or equal to.

() [92:2E]

e. ≤ 5



() [92:2F]

f. ≥ 3



Exercise 3

SIMILAR TRIANGLES

Corresponding Sides

— Textbook practice —



- ◆ These are similar triangles, but they are not oriented the same way.
- ◆ You have to figure out the

$$\left(\frac{1}{2} \right)^2 = \frac{1}{4}$$

$$\left(\frac{1}{3} \right)^2 = \frac{1}{9}$$

$$\left(\frac{1}{4} \right)^2 = \frac{1}{16}$$

$$\left(\frac{1}{5} \right)^2 = \frac{1}{25}$$

$$\left(\frac{1}{6} \right)^2 = \frac{1}{36}$$

$$\left(\frac{1}{7} \right)^2 = \frac{1}{49}$$

$$\left(\frac{1}{8} \right)^2 = \frac{1}{64}$$

$$\left(\frac{1}{9} \right)^2 = \frac{1}{81}$$

$$\left(\frac{1}{10} \right)^2 = \frac{1}{100}$$

