

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Rewrite the following numbers including commas where appropriate:

a. 4321 \_\_\_\_\_

b. 54321 \_\_\_\_\_

c. 224466 \_\_\_\_\_

d. 2224466 \_\_\_\_\_

e. 10010011001 \_\_\_\_\_

2. Solve each expression. Record your answer in standard form.

Expression	Standard Form
4 tens + 6 tens	
8 hundreds + 2 hundreds	
5 thousands + 7 thousands	

3. Represent each addend with place value disks in the place value chart. Show the composition of larger units from 10 smaller units. Write the sum in standard form.

a. 2 thousands + 12 hundreds = \_\_\_\_\_

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

b. 14 ten thousands + 12 thousands = \_\_\_\_\_

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

4. Use digits or disks on the place value chart to represent the following equations. Write the product in standard form.

a.  $10 \times 5 \text{ thousands} =$  \_\_\_\_\_

How many thousands are in the answer? \_\_\_\_\_

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

b.  $(4 \text{ ten thousands } 4 \text{ thousands}) \times 10 =$  \_\_\_\_\_

How many thousands are in the answer? \_\_\_\_\_

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

c.  $(27 \text{ thousands } 3 \text{ hundreds } 5 \text{ ones}) \times 10 =$  \_\_\_\_\_

How many thousands are in your answer? \_\_\_\_\_

millions	hundred thousands	ten thousands	thousands	hundreds	tens	ones

5. A large grocery store received an order of 2 thousand apples. A neighboring school received an order of 20 boxes of apples with 100 apples in each. Use disks or disks on a place value chart to compare the number of apples received by the school and the number of apples received by the grocery store.

## Answer Key

1.
  - a. 4,321
  - b. 54,321
  - c. 224,466
  - d. 2,224,466
  - e. 10,010,011,001
2.
  - 100
  - 1,000
  - 12,000
3.
  - a. Disks accurately drawn; 3,200
  - b. Disks accurately drawn; 152,000
4.
  - a. Disks or numbers accurately represented; 50,000; 50
  - b. Disks or numbers accurately represented; 440,000; 440
  - c. Disks or numbers accurately represented; 273,050; 273
5. Disks or numbers prove equivalent amounts