

Name - \_\_\_\_\_

Grade 3 – Summer Math

### Odd or Even?

Directions: Tell whether each number is odd or even.

a. 6 \_\_\_\_\_

b. 36 \_\_\_\_\_

c. 23 \_\_\_\_\_

d. 74 \_\_\_\_\_

e. 54 \_\_\_\_\_

f. 0 \_\_\_\_\_

g. 98 \_\_\_\_\_

h. 952 \_\_\_\_\_

i. 100 \_\_\_\_\_

j. 500 \_\_\_\_\_

k. 41 \_\_\_\_\_

l. 67 \_\_\_\_\_

m. 20 \_\_\_\_\_

n. 89 \_\_\_\_\_

o. 72 \_\_\_\_\_

p. 58 \_\_\_\_\_

q. 41 \_\_\_\_\_

r. 714 \_\_\_\_\_

s. 9 \_\_\_\_\_

t. 1,378 \_\_\_\_\_

An apple tree has 62 apples on it.

Are there an odd or even number of apples on the tree?

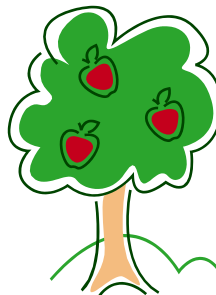
\_\_\_\_\_

Samantha has 17 cookies.

Does she have an odd or even number of cookies?

\_\_\_\_\_

Is the sum of  $7+3$  odd or even? \_\_\_\_\_



## Even and Odd - Word Problems

**a.** Do you usually buy an odd number of shoes or an even number of shoes? \_\_\_\_\_

**b.** When you buy a dozen eggs are you getting an odd or even number of eggs? \_\_\_\_\_

**c.** Is there an odd or even number of letters in the alphabet? \_\_\_\_\_

**d.** Even numbers must end with a 2, 4, 6, 8, or \_\_\_\_\_.

**e.** Odd numbers must end with a 1, 3, 5, 9, or \_\_\_\_\_.

**f.** Which of these numbers is odd 22, 44, 66, or 77? \_\_\_\_\_

**g.** Which of these numbers is even: 65, 83, 26, or 91? \_\_\_\_\_

**h.** Subtract 9 from 18. Is the answer even or odd? \_\_\_\_\_

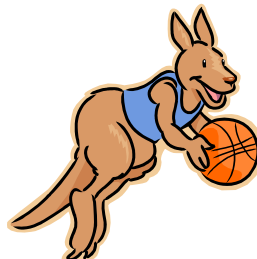
**i.** Add 9 and 18 together. Is the answer even or odd? \_\_\_\_\_

**j.** Jenna, Hannah, Jessica, Patty, and Lily eat lunch together at the same table. Are there an odd or even number of girls at the table?

\_\_\_\_\_

**k.** In a basketball game, the Lakers scored 101 points. The Bulls scored 104 points. Which team scored an odd number of points?

\_\_\_\_\_



## Digit Values

What is the value of the underlined digit?

32,814 - The value of the digit 3 is 3 ten-thousands, or 30,000.

32,814 - The value of the digit 8 is 2 thousands, or 2,000.

32,814 - The value of the digit 8 is 8 hundreds, or 800.

32,814 - The value of the digit 3 is 1 tens, or 10.

32,814 - The value of the digit 4 is 4 ones, or 4.

Write the value of the underlined digit.

a. 53,759 - \_\_\_\_\_

b. 26,726 - \_\_\_\_\_

c. 2,561 - \_\_\_\_\_

d. 84,509 - \_\_\_\_\_

e. 90,014 - \_\_\_\_\_

f. 61,099 - \_\_\_\_\_

g. 54,530 - \_\_\_\_\_

h. 92,302 - \_\_\_\_\_

i. In the number 21,354, which digit has the greatest value?

\_\_\_\_\_

j. In the number 76,129, which digit has the least value?

\_\_\_\_\_

k. What is the value of the digit in the thousands place of the number 76,129? \_\_\_\_\_



## Writing Numbers in Expanded Form

Example: Write each number in expanded form.

$$3,052 = 3,000 + 50 + 2$$

a.  $9,245 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

b.  $1,203 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

c.  $7,889 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

d.  $8,035 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

e.  $3,476 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

f.  $2,400 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

g.  $5,135 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$

Write these numbers in standard form.

h.  $6,000 + 400 + 30 + 6 = \underline{\hspace{3cm}}$

i.  $7,000 + 50 + 8 = \underline{\hspace{3cm}}$

j.  $2,000 + 900 + 60 + 9 = \underline{\hspace{3cm}}$

k.  $4,000 + 700 + 7 = \underline{\hspace{3cm}}$

l.  $9,000 + 900 + 90 + 9 = \underline{\hspace{3cm}}$



## Comparing Four-Digit Numbers

Part 1: Write  $<$ ,  $>$ , or  $=$  on each line.

- a. 6,713 \_\_\_\_\_ 6,731      b. 8,887 \_\_\_\_\_ 8,788      c. 1,040 \_\_\_\_\_ 1,400  
d. 7,878 \_\_\_\_\_ 8,787      e. 4,910 \_\_\_\_\_ 599      f. 5,512 \_\_\_\_\_ 5,512  
g. 3,005 \_\_\_\_\_ 3,500      h. 6,712 \_\_\_\_\_ 7,612      i. 1,002 \_\_\_\_\_ 103  
j. 7,000 \_\_\_\_\_ 7,000      k. 6,419 \_\_\_\_\_ 6,149      l. \$3,456 \_\_\_\_\_ \$3,546

Part 2: Circle the greater amount in each pair.

- m. 2,929    399      n. 4,555    4,575      o. 9,990    9,909

Part 3: Circle the smaller amount in each pair.

- p. 6,789    6,897      q. 7,008    7,018      r. 3,090    3,079

Part 4: On each line, write out the words, "is greater than," "is less than," or "is equal to."

s. 9,087 \_\_\_\_\_ 9,089

t. 5,550 \_\_\_\_\_ 5,055

u. 4,409 \_\_\_\_\_ 4,409

v. \$7,883 \_\_\_\_\_ \$3,887

w. 629 \_\_\_\_\_ 6,119



## Rounding

- a. What is 33 rounded to the nearest ten? \_\_\_\_\_
- b. What is 850 rounded to the nearest hundred? \_\_\_\_\_
- c. What is 429 rounded to the nearest ten? \_\_\_\_\_
- d. What is 923 rounded to the nearest hundred? \_\_\_\_\_
- e. What is 248 rounded to the nearest ten? \_\_\_\_\_
- f. What is 160 rounded to the nearest hundred? \_\_\_\_\_
- g. What is 57 rounded to the nearest ten? \_\_\_\_\_
- h. What is 47 rounded to the nearest hundred? \_\_\_\_\_
- i. What is 52 rounded to the nearest hundred? \_\_\_\_\_
- j. What is 845 rounded to the nearest ten? \_\_\_\_\_
- k. What is 953 rounded to the nearest hundred? \_\_\_\_\_
- l. What is 2,345 rounded to the nearest ten? \_\_\_\_\_
- m. What is 1,468 rounded to the nearest hundred? \_\_\_\_\_
- n. What is 6,789 rounded to the nearest ten? \_\_\_\_\_
- o. What is 9,032 rounded to the nearest hundred? \_\_\_\_\_
- p. What is 5,565 rounded to the nearest ten? \_\_\_\_\_
- q. What is 888 rounded to the nearest hundred? \_\_\_\_\_
- r. What is 8,699 rounded to the nearest ten? \_\_\_\_\_
- s. What is 9,990 rounded to the nearest hundred? \_\_\_\_\_
- t. What is 3,419 rounded to the nearest ten? \_\_\_\_\_

# Counting Money

Count the coins and write the amount.

a.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

b.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

c.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

d.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

e.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

f.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

g.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

h.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

i.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

j.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

k.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_

l.



\_\_\_\_\_ ¢ or \$ \_\_\_\_\_