Rounding to the Nearest Ten

Directions: Round each of the numbers at the bottom to the nearest ten. Place them in the correct column based on how you rounded, by either writing them or cutting and pasting into the correct column.
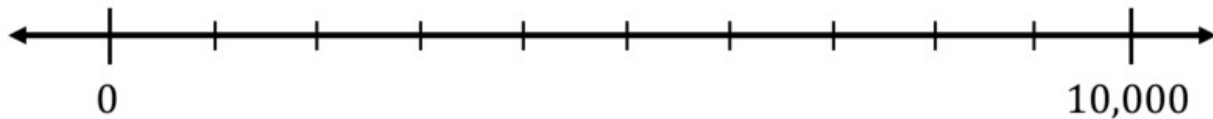
0	10	20	30	40	50	60	70	80	90	100

21	15	95	73	77
32	104	74	8	26
59	46	83	61	3

Rounding to the Nearest 100

Task

The tick marks on the number line are evenly spaced. Label them.

Plot the following numbers on the number line:

85

940

2,316

5,090

7,784

Round each number to the nearest 1000. Explain how you can tell which thousand each number will round to by looking at the number line.

NAME _____   DATE _____

Round 'Em Up!

1 Solve the problems below. Show all your work.

	635		
7,538	202	2,648	5,538
− 724	+ 169	+ 4,397	− 1,263

2 Round the numbers below to the nearest ten. When you round to the nearest ten, look at the number in the ones place. If it is 5 or higher, round up to the next highest ten. If it is less than 5, keep the number in the tens place the same.

ex a 63 *60*	**ex b** 186 *190*	**a** 47	**b** 52
c 35	**d** 94	**e** 122	**f** 856
g 267	**h** 993	**i** 1,247	**j** 2,052

3 Round the numbers below to the nearest hundred. When you round to the nearest hundred, look at the number in the tens place. If it is 5 or higher, round up to the next highest hundred. If it is less than 5, keep the number in the hundreds place the same.

ex a 163 *200*	**ex b** 627 *600*	**ex c** 82 *100*	**a** 203
b 254	**c** 822	**d** 439	**e** 67
f 153	**g** 764	**h** 449	**i** 657

⚡ **CHALLENGE**

4 Write two different numbers that round up or down to each number shown.

ex 400 *438* *384*	**a** 20	**b** 80
c 100	**d** 300	**e** 700

NAME _____   DATE _____

Set A1 ★ Independent Worksheet 1

INDEPENDENT WORKSHEET

Fourth Grade Puzzlers

1 Five of the fourth grade classes are planning to attend a play performance. The five different classes have 34, 29, 31, 26 and 27 students in them. Each play performance can hold up to 140 students. Will all students fit into one performance, or will they need to attend two performances? Show your work.

2 Carlos, a fourth grader, owns 61 baseball cards. At lunchtime, he traded 36 of his cards for 1 card featuring Cal Ripkin Jr. How many cards does he have now? Show your work.

3 The fourth grade robotics team has 179 points. In order to place in the top 3 teams, they'll need a score of 325 or more. How many more points do they need to earn in order to rank in the top 3? Show your work.

Independent Worksheet 1 Fourth Grade Puzzlers (cont.)

4 Rewrite each of the problems below in vertical form and then solve it. Show all your work.

example 561 + 258 = 1 561 + 258 ——— 819	**example** 523 − 376 = 4 11 5̶2̶3̶ + 376 ——— 147
a 3451 + 387 =	**b** 4801 − 779 =
c 29 + 41 + 44 + 86 =	**d** 72 − 47 =

5 The 4th grade classes are collecting cans to raise money for a field trip to the zoo. This chart shows how many cans each class has collected so far.

Class	Number of Cans
Mrs. Haber's class	362 cans
Mr. Field's class	429 cans
Mrs. Jones' class	297 cans
Mr. Zigler's class	456 cans

a Mrs. Jones' class really wants to win. How many more cans do they need in order to tie with the 3rd place team? Show your work.

b How many more cans does Mrs. Jones' class need to collect in order to be in first place right now? Show your work.

Set A1 ★ Independent Worksheet 2

INDEPENDENT WORKSHEET

In These United States

1 Texas, the second largest state, has 254 counties. In contrast, California, the third largest state, only has 58 counties. How many counties do they have altogether? Show your work below.

2 Solve the following problems. Show your work.

a 923 – 397	**b** 43 – 29 =	**c** 26 + 97 =
d 426 + 267	**e** 86 – 18 =	**f** 407 – 72 =

(Continued on back.)

Independent Worksheet 2 In These United States (cont.)

3 The Astrodome in Houston, Texas, holds 62,439 football fans. Find two or more Texas towns whose entire populations could attend a football game together. How many seats would be left over? Show your work.

Town	Population
Deer Park	28,993
Del Rio	36,020
Eagle Pass	25,571
El Campo	10,884
Gainesville	16,569
Groves	15,006
Hereford	14,472
Iowa Park	6,175
Jasper	7,531
Kingsville	24,740

CHALLENGE ICON

4 In 2005, the United States population was 296,410,404 Of all the states in the U.S., Texas had the second highest population with 22,859,968 people   How many people in the U.S. did *not* live in Texas?

To regroup or not to regroup

Task

Sometimes when we subtract one number from another number we "regroup," and sometimes we don't. For example, if we subtract 38 from 375, we can "regroup" by converting a ten to 10 ones:

Find a 3-digit number to subtract from 375 so that:

a. You don't have to use regrouping.

b. You would naturally use regrouping from the tens to the ones place.

c. You would naturally use regrouping from the hundreds place to the tens place.

d. You would naturally use regrouping in all places.

In each case, explain how you chose your numbers and complete the problem.