Q1C2 Rounding, Addition, and Subtraction Study Guide   Name _____

Draw a number line to justify your answers.

1. Round 234,865 to the

nearest ten _____

2. Round 702,513 to the

nearest ten _____

nearest hundred _____

nearest hundred _____

nearest thousand _____

nearest thousand _____

nearest ten thousand _____

nearest ten thousand _____

3. Select **ALL** of the numbers that round to 500,000. If needed, use notebook paper to show your work.

           589,302   512,999   489,521   425,678   450,724   564,301

4.   A. $58,021 - 49,658 =$ B. $42,083 - 5,729 =$ C. $809,321 - 627,450 =$

5.   A. $589,123 + 963,485 =$ B. $86,789 + 42,065 =$

6. Estimate the sum of 36,502 and 21,335 to the nearest thousand. Show your work.

7. There are 53,514 families with 369,258 children and 263,741 adults at the stadium. What is the best estimate of the stadium's population? (Population is the number of people. So, the number of children and adults.)

8. The table shows the weights of several kids.

Kid Weight	
Kid	Weight (pounds)
Kid A	87
Kid B	94
Kid C	79
Kid D	103

The kids were swinging on a swing set, but the swing set could only hold 175 pounds. Which two students could swing at the same time? Show your work.

9. The steps a student used to subtract 74 from 326 are shown.

Step 1. He subtracted 4 ones from 6 ones to get 2 ones.
Step 2. He subtracted 7 tens from 12 tens to get 5 tens.
Step 3. He subtracted 0 hundreds from 3 hundreds to get 3 hundreds.

Explain where the student made his **FIRST** mistake.

10. Estimate the difference of 123,456 and 96,047 to the nearest hundred.

Q1C2 Study Guide Answer KEY

1. Round 234,865 to the

nearest ten 234,870

nearest hundred 234,900

nearest thousand 235,000

nearest ten thousand 230,000

2. Round 702,513 to the

nearest ten   702,510

nearest hundred   702,500

nearest thousand   703,000

nearest ten thousand   700,000

3. Select all of the numbers that round to 500,000.

589,302   **512,999**   **489,521**   425,678   **450,724**   564,301

4. A. 58,021 – 49,658 =   B. 42,083 – 5,729 =   C. 809,321 – 627,450 =

8,363   36,354   181,871

5. A. 589,123 + 963,485 =   25. B. 86,789 + 42,065 =

1,552,608   128,854

6. Estimate the sum of 36,502 and 21,335 to the nearest thousand. Show your work. **37,000 + 21,000 = 58,000**

7. There are 53,514 families with 369,258 children and 263,741 adults at the stadium. What is the best estimate of the stadium's population? (Population is the number of people. So, the number of children and adults.)

400,000 + 300,000 = 700,000   **or**   **370,000 + 260,000 = 630,000**

8. The table shows the weights of several kids.

Kid Weight	
Kid	**Weight (pounds)**
Kid A	87
Kid B	94
Kid C	79
Kid D	103

The kids were swinging on a swing set, but the swing set could only hold 175 pounds. Which two students could swing at the same time? Show your work. **Kid A and Kid C because 87 +79 = 166 pounds**

9. The steps a student used to subtract 74 from 326 are shown.

Step 1. He subtracted 4 ones from 6 ones to get 2 ones.
Step 2. He subtracted 7 tens from 12 tens to get 5 tens.
Step 3. He subtracted 0 hundreds from 3 hundreds to get 3 hundreds.
Explain where the student made his first mistake. The error is in Step 3. When he regrouped the tens, he forgot to take a hundred from the hundreds place.

10. Estimate the difference of 123,456 and 96,047 to the nearest hundred. **275,000**