Place Value Chart

Thousands	Hundreds	Tens	Ones

Unit 2, Activity 6, Composing New Units

Directions: Complete the following problems. Show your work using pictures, words, or numbers. Write a description explaining how you worked the problem.

1. 674
    + 217

Explain:_____
_____
_____

2. 386
    + 117

Explain:_____
_____
_____

3. 436
    + 366

Explain:_____
_____
_____

Unit 2, Activity 6, Composing New Units with Answers

Directions: Complete the following problems. Show your work using pictures, words, or numbers. Write a description explaining how you worked the problem.

1. 674
  + 217
    891

In students' explanations, they should describe composing a ten from the 11 ones.

2. 386
  + 117
    503

In students' explanations, they should describe composing a ten from the 13 ones.

3. 436
  + 366
    802

In students' explanations, they should describe composing a ten from the 12 ones. They should then explain composing a hundred from the ten tens.

Round the following numbers to the place shown. Show your work using drawings, words, or numbers.

1.   Round 41 to the nearest 10.   _____

2.   Round 55 to the nearest 10.   _____

3.   Round 498 to the nearest 100.   _____

4.   Round 346 to the nearest 10.   _____

5.   Round 346 to the nearest 100.   _____

Round the following numbers to the place shown. Show your work using drawings, words, or numbers.

1.   Round 41 to the nearest 10.   ___*40*_____

                   41 is between 40 and 50, but is closer to 40, so I rounded to 40

2.   Round 55 to the nearest 10.   ___*60*_____

                   55 is halfway between 50 and 60, so I rounded to 60.

3.   Round 498 to the nearest 100.   _____*500*____

                   498 is between 400 and 500, but is closer to 500, so I rounded to 500.

4.   Round 346 to the nearest 10.   ___*350*_____

                   345 is between 340 and 350, but closer to 350, so I rounded to 350.

5.   Round 346 to the nearest 100.   ___*300*_____

                   346 is between 300 and 400, but closer to 300, so I rounded to 300.

Subtract the following problems. Draw a model to show how you solved each problem.

    1. 729
      -483

    2. 823
      -475

    3. 504
      -382

    4. 251
      -146

    5. 700
      -150

Subtract the following problems. Draw a model to show how you solved the problem. *Strategies will vary.*

1. 729
  -483
  246

2. 823
  -475
  348

3. 504
  -382
  122

4. 251
  -146
  105

5. 700
  -150
  550

Read each problem. Tell whether an exact answer or estimate is needed. If you need an exact answer, write a number sentence and solve the problem.   If you need an estimate, write a number sentence involving the estimated values and solve the problem.

1. **Janelle had 87 football tickets to sell. She sold 59 of them. How many tickets does she have left to sell?**

    _____

    Exact   or   Estimate

2. **In one week, Mikayla sold 123 hamburgers and 254 cheeseburgers. About how many burgers did Mikayla sell in all?**

    _____

    Exact   or   Estimate

3. **Jackson told his mom that he would work for 2 hours or 120 minutes on yard work. If he has worked for 65 minutes, how many more minutes does he have to work to complete the 120 minutes?**

    _____

    Exact   or   Estimate

4. **There were 587 students at the rally. To cheer the team on to victory, 359 students stayed late. Some students had to leave early. About how many students had to leave early?**

    _____

    Exact   or   Estimate

Read each problem. Tell whether an exact answer or estimate is needed. If you need an exact answer, write a number sentence and solve the problem.   If you need an estimate, write a number sentence involving the estimated values and solve the problem.

1. **Janelle had 87 football tickets to sell. She sold 59 of them. How many tickets does she have left to sell?**

    87 – 59 = 28; Janelle has 28 tickets left to sell.

    (**Exact**) or   **Estimate**

2. **In one week, Mikayla sold 123 hamburgers and 254 cheeseburgers. About how many burgers did Mikayla sell in all?**

    100 + 300 = 400; Mikayla sold approximately 400 burgers last week.

    Exact   or   (**Estimate**)

3. **Jackson told his mom that he would work for 2 hours or 120 minutes on yard work. If he has worked for 65 minutes, how many more minutes does he have to work to complete the 120 minutes?**

    120 – 65 = 55; Jackson has to work 65 more minutes.

    (**Exact**) or   **Estimate**

4. **There were 587 students at the rally. To cheer the team on to victory, 359 students stayed late. Some students had to leave early. About how many students had to leave early?**

    600 – 400 = 200; Approximately 200 students left early.

    Exact   or   (**Estimate**)