



## MULTIPLE CHOICE

- Which number shows 562,930,067 rounded to the nearest hundred thousand? (1-8)
  - 560,000,000
  - 562,000,000
  - 562,900,000
  - 563,000,000
- Which is the best estimate for  $7,834 + 7,692 + 8,374$ ? (1-9)
  - 20,000
  - 22,000
  - 23,000
  - 24,000

## FREE RESPONSE

Use mental math to add or subtract. (1-7)

- $820 - 270$   
550
- $1,396 + 238$   
1,634
- $2,632 - 2,495$   
137
- $1,800 + 400 + 200$   
2,400

Round each number to the place of the underlined digit. (1-8)

- 26,059  
26,000
- 1,981,782  
1,981,800
- 88.228  
88
- 9.994  
9.99

**Pounds** Carolyn said that she and one of her friends collected a total of 200 pounds of cans. Which friend is Carolyn talking about?

- Solve the Pounds problem. Name the strategy you used to solve the problem. Give the answer in a complete sentence. (1-10)  
**Try, check, and revise.**
- Estimate the total pounds the five girls collected. (1-9) **500 lb**
- Show how you could find how much Lisa and Keira collected together, using mental math. (1-7)

**Add 2 to 98. Then subtract 2 from 107 to compensate. So,  $105 + 100 = 205$**

| Student | Pounds Collected to be Recycled |
|---------|---------------------------------|
| Lisa    | 107                             |
| Keira   | 98                              |
| Carolyn | 102                             |
| Carlie  | 93                              |
| Josie   | 94                              |

## Writing in Math

- Whitney's estimate of  $16.54 + 22.86$  is about 39. Is this an overestimate or an underestimate? Explain how you know. (1-9) **Underestimate;  $0.54 + 0.86 > 1$  so the total will be greater than 38 + 1.**
- Explain why 67.754 rounds to 67.8. (1-8)  
**The 5 in the hundredths place means the 7 in the tenths place increases by 1.**