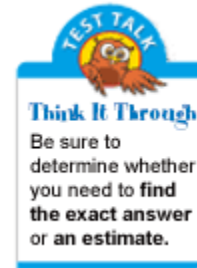




Chapter 1 Section B Diagnostic Checkpoint

MULTIPLE CHOICE

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



FREE RESPONSE

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

3. $820 - 270$ 4. $1,396 + 238$ 5. $2,632 - 2,495$ 6. $1,800 + 400 + 200$

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

7. 26,059 8. 1,981,782 9. 88,228 10. 9.994

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)
- Estimate the total pounds the five girls collected. (1-9)
- Show how you could find how much Lisa and Keira collected together, using mental math. (1-7)

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)
- Explain why 67.754 rounds to 67.8. (1-8)