

Name _____

Analyze Word Problems: Multiple-Step Problems

1. Sara wrote 524 words in her journal. Then she crossed out 56 words and added 95 new words.

a. How long was the entry after she crossed out words?

b. How long was the entry after she added new words?

2. How many more people attended the aquarium on Sunday than on Monday and Tuesday combined?

Aquarium Attendance	
Day	Number of People
Sunday	876
Monday	312
Tuesday	502
Wednesday	350
Thursday	550
Friday	625

3. During a different week, 49 more people went to the aquarium on Tuesday than on the Tuesday in the table. On Wednesday of that week, 105 fewer people showed up than on Tuesday of that week. How many people were there on Wednesday?

4. Jacob can spend two hours at the museum. He spends 45 minutes looking at paintings and then 50 minutes looking at pottery. How much time does he have left?

5. Luke wrote a note to his mother. It took him 68 seconds to find a pen, 42 seconds to find paper, and 41 seconds to write it. Did it take Luke more than 3 minutes to complete the note? Explain.

Answer Key

Analyze Word Problems: Multiple-Step Problems

1. Sara wrote 524 words in her journal. Then she crossed out 56 words and added 95 new words.
- a. How long was the entry after she crossed out words?
468 words
- b. How long was the entry after she added new words?
563 words

2. How many more people attended the aquarium on Sunday than on Monday and Tuesday combined?

62 people

Aquarium Attendance	
Day	Number of People
Sunday	876
Monday	312
Tuesday	502
Wednesday	350
Thursday	550
Friday	625

3. During a different week, 49 more people went to the aquarium on Tuesday than on the Tuesday in the table. On Wednesday of that week, 105 fewer people showed up than on Tuesday of that week. How many people were there on Wednesday?

446

4. Jacob can spend two hours at the museum. He spends 45 minutes looking at paintings and then 50 minutes looking at pottery. How much time does he have left?

25 minutes

5. Luke wrote a note to his mother. It took him 68 seconds to find a pen, 42 seconds to find paper, and 41 seconds to write it. Did it take Luke more than 3 minutes to complete the note? Explain.

No; $68 + 24 + 41 = 151$ seconds; 151 seconds $<$ 180

seconds (3 minutes)