Algebraic Reasoning

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Per:\_\_\_\_\_

POINTS:\_\_\_\_

Homework #7 Quiz

**Be sure to include your work when appropriate.**

**Solve each equation**.

1. Find the next four terms of the arithmetic sequence.

 207, 194, 181, …

2. Find the first five terms of the arithmetic sequence.

 a1 = -60, d = 4

3. Find the indicated term of the arithmetic

sequence.

a1 = 23, d = 5, n = 23

4. Complete the statement for the arithmetic

sequence.

 55 is the \_\_\_\_th term of 4, 7, 10, …

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5. Write an equation for the *n*th term of each arithmetic sequence.

 18, 25, 32, 39, …

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