

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.

$a_1 = -60, d = 4$

3. Find the indicated term of the arithmetic sequence.

$a_1 = 23, d = 5, n = 23$

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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