Algebraic Reasoning Name:	
Per:	

Algebraic Reasoning Name:____

Per:		

POINTS:____

Homework #7 Quiz

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Be sure to include your work when appropriate.

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1. Find the next four terms of the arithmetic

Solve each equation.

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Solve each equation.

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

2. Find the first five terms of the arithmetic

207, 194, 181, ...

sequence.

207, 194, 181, ...

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

 $a_1 = -60$, d = 4

sequence.

3. Find the indicated term of the arithmetic sequence.

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

3. Find the indicated term of the arithmetic sequence.

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

4. Complete the statement for the arithmetic sequence.

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$$55$$
 is the ____th term of $4, 7, 10, ...$

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

18, 25, 32, 39, ...

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

18, 25, 32, 39, ...