

Numeric Response

5. Find the n^{th} term for the following sequence when $n = 27$:
8, 3, -2, -7, ...
6. Find the common difference for the following sequence:
7, 15, 23, 31, ...
7. Find the n^{th} term for the following sequence when $n = 12$:
5, 2.9, 0.8, -1.3, ...
8. Find the common difference for the following sequence:
7, 0.6, -5.8, -12.2, ...
9. Find the n^{th} term for the following sequence when $n = 15$:
-1, 7, 15, 23, ...
10. Find the common difference for the following sequence:
5, 7, 9, 11, ...
11. Find the n^{th} term for the following sequence when $n = 30$:
7, 9.6, 12.2, 14.8, ...
12. Find the common difference for the following sequence:
-4, 3.4, 10.8, 18.2, ...

Arithmetic sequences
Answer Section**MULTIPLE CHOICE**

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|-----------|--------|
| 1. ANS: C | PTS: 1 |
| 2. ANS: A | PTS: 1 |
| 3. ANS: C | PTS: 1 |
| 4. ANS: G | PTS: 1 |

NUMERIC RESPONSE

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| 5. ANS: -122 |
| PTS: 1 |
| 6. ANS: 8 |
| PTS: 1 |
| 7. ANS: -18.1 |
| PTS: 1 |
| 8. ANS: -6.4 |
| PTS: 1 |
| 9. ANS: 111 |
| PTS: 1 |
| 10. ANS: 2 |
| PTS: 1 |
| 11. ANS: 82.4 |
| PTS: 1 |
| 12. ANS: 7.4 |
| PTS: 1 |

