



# MATHEMATICS

Algebra III

## NTI DAY 8

Please complete the attached assignment and turn in within 3 days of the NTI Day.

## Coach Gilly

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Find the missing term or terms in each arithmetic sequence.

1) ..., 15, \_\_\_, 31, ...

- A) 31      B) 23  
C) 32      D) 34

2) ..., 19, \_\_\_, -1, ...

- A) 9      B) 6  
C) 8      D) 7

3) ..., -4, \_\_\_, 2, ...

- A) 5      B) -1  
C) 6      D) 2

4) ..., 20, \_\_\_, 40, ...

- A) 27      B) 11  
C) 30      D) 29

5) ..., -1, \_\_\_, -7, ...

- A) -4      B) -3  
C) -5      D) -2

6) ..., 14, \_\_\_, 10, ...

- A) 14      B) 12  
C) 15      D) 16

7) ..., 38, \_\_\_, 22, ...

- A) 47      B) 48  
C) 30      D) 32

8) ..., -20, \_\_\_, -80, ...

- A) -52      B) -51  
C) 10      D) -50

9) ..., 37, \_\_\_, -363, ...

- A) -163      B) -165  
C) -162      D) -164

10) ..., -17, \_\_\_, -25, ...

- A) -19      B) -20  
C) -21      D) -18