

## Lesson 5: Quiz 3 – Number Patterns in Sequence

What numbers would come next in these sequences?

+10 +10 +10  
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Example: 10, 20, 30, 40..... 50, 60 (rule: + 10 )

+3 +3 +3 +3  
^ ^ ^ ^

1) 3, 6, 9, 12, 15... \_\_\_\_\_, \_\_\_\_\_ (rule: + 3 )

-15 -15 -15  
^ ^ ^

2) 100, 85, 70, 55... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )

3) 30, 24, 18, 12... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )

4) 7, 14, 28, 56... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ ) - hint, use multiplication!

5) 64, 32, 16, 8... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ ) - hint, use division!

6) 48, 52, 56, 60... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )

7) 60, 54, 48, 42... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )

8) 3, 13, 23, 33... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )

9) 16, 13, 10, 7... \_\_\_\_\_, \_\_\_\_\_ (rule: \_\_\_\_\_ )