



The Modern American International School

Math Department

Academic Year 2025-2026

Subject: Math

Name : \_\_\_\_\_ Class : \_\_\_\_\_ Date: \_\_\_\_\_

## A CLOUDY DAY

A cloudy day at the park is a perfect time to answer this activity! Examine the following set of numbers. Write a rule that they follow on the space provided.



1. 38, 40, 42, 44, 46, 48, 50, ...

Rule: \_\_\_\_\_

2. 5, 10, 15, 20, 25, 30, ...

Rule: \_\_\_\_\_



3. 14, 28, 42, 56, 70, 84, ...

Rule: \_\_\_\_\_

4. 15, 30, 45, 60, 75, 90, ...

Rule: \_\_\_\_\_

5. 11, 22, 33, 44, 55, 66, ...

Rule: \_\_\_\_\_



Number and Shape Patterns



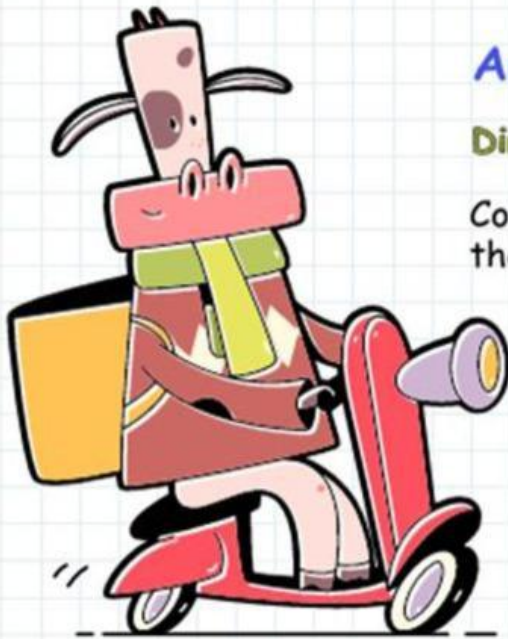
How well did you understand the lesson?





The Modern American International School  
Math Department  
Academic Year 2025-2026  
Subject: Math  
Name : \_\_\_\_\_ Class : \_\_\_\_\_ Date: \_\_\_\_\_

# Number Patterns



## Answer

### Directions:

Complete the sequence. Identify and write the rule for each pattern sequence.

63

62

61

60

59

Next number: \_\_\_\_\_

Rule: \_\_\_\_\_

26

30

34

38

42

Next number: \_\_\_\_\_

Rule: \_\_\_\_\_

77

72

67

62

57

Next number: \_\_\_\_\_

Rule: \_\_\_\_\_

49

46

43

40

37

Next number: \_\_\_\_\_

Rule: \_\_\_\_\_

15

17

19

21

23

Next number: \_\_\_\_\_

Rule: \_\_\_\_\_



How well did you understand the lesson?





The Modern American International School

Math Department

Academic Year 2025-2026

Subject: Math

Name : \_\_\_\_\_ Class : \_\_\_\_\_ Date: \_\_\_\_\_

Instructions: Make a number pattern for each of the rules.

Start at 22 and add 1 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 60 and subtract 6 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 25 and add 8 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 63 and subtract 4 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 12 and add 8 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 13 and add 5 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 4 and add 1 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 67 and subtract 7 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 57 and subtract 4 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 56 and subtract 7 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 66 and subtract 3 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 15 and add 4 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 8 and add 3 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 64 and subtract 6 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Start at 6 and add 7 each time. \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

How well did you understand the lesson?



Very Well Well Not Well





The Modern American International School

Math Department

Academic Year 2025-2026

Subject: Math

Name : \_\_\_\_\_ Class : \_\_\_\_\_ Date: \_\_\_\_\_

## Identifying Number Patterns

1.

The number pattern is: times 6.

Which number is next? 3, 18, 108

 ?

A. 736    B. 512    C. 657    D. 648

2.

The number pattern is: times 7.

Which number is next? 3, 21, 147

 ?

A. 1,029    B. 800    C. 850    D. 979

3.

The number pattern is: times 8.

Which number is next? 3, 24, 192

 ?

A. 1,358    B. 870    C. 1,536    D. 1,480

4.

The number pattern is: times 9.

Which number is next? 3, 27, 243

 ?

A. 2,187    B. 2,258    C. 3,125    D. 2,287

5.

The number pattern is: times 4.

Which number is next? 3, 12, 48

 ?

A. 198    B. 192    C. 243    D. 159

How well did you understand the lesson?



