

# Number Patterns

Write the next number in the number sequence. Then find a rule for each sequence.

1) 4, 7, 10, 13, 16, \_\_\_\_\_

2) 22, 32, 42, 52, 62, \_\_\_\_\_

3) 36, 29, 22, 15, 8, \_\_\_\_\_

4) 12, 16, 18, 22, 24, 28, \_\_\_\_\_

Fill in the missing number in a pattern. Then write a rule for each pattern.

5) 2, 8, 14, \_\_\_\_\_, 26, \_\_\_\_\_ Rule : \_\_\_\_\_

6) 97, 88, 79, \_\_\_\_\_, \_\_\_\_\_, 52 Rule : \_\_\_\_\_

7) 13, 25, \_\_\_\_\_, 49, \_\_\_\_\_, 73 Rule : \_\_\_\_\_

For questions 8-10, use the table.

Natasha's Savings

Week	1	2	3	4
Amount	\$18	\$27		\$45

8) How much money does Natasha save each week? \_\_\_\_\_

9) What is Natasha's total savings in week 3? \_\_\_\_\_

10) Natasha wants to buy a jewelry box that costs \$70. If she continues the saving pattern, will she have enough money saved by week 7?

answer : \_\_\_\_\_