

1. Rob is putting money in a shoebox to save for a CD player. This table shows the total amount of money that Rob had accumulated by the end of each week.

Week	Amount Saved
1	\$1
2	\$2
3	\$4
4	\$7
5	\$11
6	\$16

If Rob's saving pattern continues, how much money will he have saved by the end of the tenth week?

- a. \$25
 - b. \$37
 - c. \$46
 - d. \$56
5. The first five terms of a pattern are shown below.

2, 6, 18, 54, 162

Which of the following describes how to get the next term in the pattern?

- a. add 4
- b. add 12
- c. multiply by 3
- d. multiply by 2 and add 2

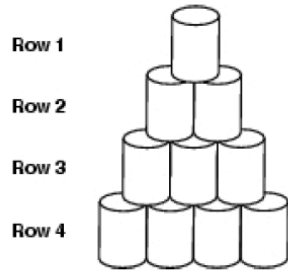
6. A pattern is shown below.

2, 4, 8, 16, 32, ...

If the pattern continues, what are the next three terms in the pattern?

- a. 48, 56, 64
- b. 48, 64, 80
- c. 64, 96, 128
- d. 64, 128, 256

7. Soup is on sale this week at a grocery store. Carl made a sketch of the pattern he will use to display the soup cans.



If Carl continues until the pattern has 9 rows, how many cans will he need to build the display?

- a. 10 cans
- b. 19 cans
- c. 36 cans
- d. 45 cans