



Name _____ Class _____ Date _____

1 The sequence, **0, 1, 1, 2, 4, 7, 13...** is similar to the Fibonacci sequence. What are the **next three** numbers?

- A 20, 33, 53
- B 26, 50, 96
- C 24, 44, 81
- D 24, 37, 61

2 The house numbers on houses for a street are **102, 103, 108, 109, 114...** What are the **next three** house numbers?

- A 115, 118, 119
- B 115, 121, 122
- C 115, 121, 129
- D 115, 120, 121

3 A class takes a field trip to the zoo where they will watch a movie about animals. If the movie times are **10:15, 11:00, 11:45, 12:30**, etc. The theater likes there to be **15 minutes** between

4 On Halloween, Mrs. Spicer does **not** like a lot of candy left over. For the first hour, she hands out **two** pieces of candy. For each hour after that, she hands out **one piece more** than the previous hour. How many



PREVIEW

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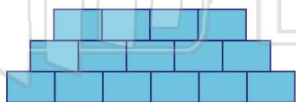
7

C star
D heart

B 15
C 16
D 17

9 Based on the shape shown, if the pattern continues for **one less block** on each row until the top row has one block, how many total blocks will there be altogether?

- A 11
- B 19
- C 21
- D 28



10 The volume of the cubes shown is **1 cm³, 8 cm³, and 27 cm³**. If this pattern continues, what would be the **volume** of a cube that has sides **8 cm** long?

- A 343 cm³
- B 512 cm³
- C 729 cm³
- D 929 cm³





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D

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C



A

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7

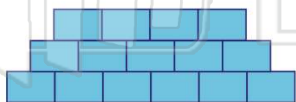
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