

Growing Number Patterns

TAKS Objectives 2, 6
TEKS 3.6A, 3.14A

Solve the following problems.

1. Luis is walking down the hallway at his school. The first classroom he passes is 110. The next classroom is numbered 112. What are the numbers likely to be for the next two classrooms?

3. Cali is helping her mom shop for a new sweater. The sweaters on the top shelf of the sweater display are size 6. The sweaters on the second shelf are size 8. They are looking for size 12. What shelf are the size 12 sweaters likely to be on?

5. Janet and her family have checked into a hotel. Their room number is 1981. As they walk down the main hall on the 19th floor, they pass the entrance to a short hallway and a sign that reads Rooms 1901 to 1909. Then they pass another short hallway that reads 1911 to 1919. How many more short hallways are they likely to pass before they come to the short hallway for their room?

2. Carl is reading a book. Chapter 1 begins on page 5. Chapter 2 begins on page 9 and Chapter 3 begins on page 13. If all of the chapters have the same number of pages, on what page will Chapter 5 begin?

4. A post office worker is putting letters in mailboxes at the post office. The top row of mailboxes starts with the number 325. The second row starts with 525. The third row starts with 725. She has a letter for Box 1127. What row is Box 1127 likely to be in?

6. The Martinez family has tickets to the baseball game. Their tickets are for Row L, Seats 25, 27, 29, and 31. They are looking at the seating chart. Row L starts on Aisle 2 with seat 15 and ends on Aisle 3 with seat 35. They want to enter Row L from the aisle closer to their seats. Which aisle should they use?
