

# Grade 6 EQAO Sample Question for Families

Please see below a EQAO digital math question and answer that you can work on with your child.

## Question

Four term values of a growing pattern are shown.

|                    |    |    |    |    |
|--------------------|----|----|----|----|
| <b>Term number</b> | 5  | 7  | 9  |    |
| <b>Term value</b>  | 11 | 15 | 19 | 27 |

What is the term number when the term value is 27?

- A. 11
- B. 13
- C. 15
- D. 23

## Correct Answer

Four term values of a growing pattern are shown.

|                    |    |    |    |    |
|--------------------|----|----|----|----|
| <b>Term number</b> | 5  | 7  | 9  |    |
| <b>Term value</b>  | 11 | 15 | 19 | 27 |

What is the term number when the term value is 27?

- A. 11
- B. 13
- C. 15
- D. 23

### Helpful Tips:

**Develop and understanding of the table.** Ask: What column is the term number? What column is the term value?

**Use concrete materials or representations to translate patterns into different forms to support students in understanding** (e.g., create this pattern by drawing shapes, using beans, coins, toothpicks, or sticky notes).

**Look for “how it changes” and connect both columns.** Ask: When the term number goes up, how much does the term value go up?

**Use everyday pattern contexts to support this learning.** Identify real-life contexts of growing and shrinking patterns. For example: Stairs/Elevators (going up/down floors), Savings (adding \$5.00 each week), Temperature (drops 2 degrees each hour).

