**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Operations and Algebraic Thinking Grade 5 (5.OA.3)**

Compare pattern A to pattern B

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Pattern A** | **3** | **5** | **7** | **9** | **11** |
| **Pattern B** | **15** | **25** | **35** | **45** | **55** |

Which statement is true about pattern A and pattern B?

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
| Each term in pattern B is 5 times the corresponding term in pattern A |  |  |
| Each term in pattern B is 2 less than the corresponding term in pattern A |  |  |
| Each term in pattern B is 10 more than the corresponding term in pattern A |  |  |
| Each term in pattern B is 12 more than the corresponding term in pattern A |  |  |

Source: PARCC Spring 2018 Grade 5 Released Items

<https://parcc-assessment.org/wp-content/uploads/2018/08/Math_2018_Released_Items/Grade05/Grade-5-Math-Item-Set-2018.pdf>