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

**The Complex Number System (N.CN.2)**

Which of the following is equivalent to (*i* + 3) + *i*(2*i* – 4)?

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
| -5*i* + 1 |  |  |
| -*i* + 3 |  |  |
| *i* - 3 |  |  |
| -3*i* + 1 |  |  |

Source:

<https://assessmentresource.org/wp-content/uploads/2019/07/Integrated_Math_2_EOY_Item_Set.pdf>

Integrated Math II EOY 2015, Item M40479