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

**Arithmetic with Polynomials and Rational Expressions (A.APR.2)**

Let and . Which statements are true?

Select all that apply.

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
| 1. One root of is -4. |  |  |
| 1. One root of is 29. |  |  |
| 1. If is divided by gthe remainder is 29. |  |  |
| 1. is a factor of |  |  |
| 1. is not a factor of |  |  |

Source:

<https://assessmentresource.org/wp-content/uploads/2019/07/Integrated_Math_3_EOY_Item_Set.pdf>

Integrated Math III EOY, Spring 2015, Item M40310