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

**Seeing Structure in Expressions (A.SSE.3a)**

The expression $(x-3)^{2}+x-23$ can be written as a product of its factors.

Select all factors that apply.

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
| 1. $(x-2)$
 |  |  |
| 1. $(x-3)$
 |  |  |
| 1. $(x-7)$
 |  |  |
| 1. $(x+1)$

  |  |  |
| 1. $(x+2)$
 |  |  |
| 1. $(x+3)$
 |  |  |

Source:

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

HS Math 2016 – Fall Block, Item VF905088