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

**Building Functions (F.BF.3)**

If *k* is a positive constant different from 1, which of the following could be the graph of *y – x = k(x + y)* in the *xy-*plane?

|  |  |  |
| --- | --- | --- |
| Statement | Yes or No | Explain your thinking |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Source:

SAT Released Items

<https://collegereadiness.collegeboard.org/sample-questions/math/calculator-permitted/27>

Problem 27, Calculator Permitted

Heart of Algebra