NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_ 4-6D NOTES

**4-6d: to apply addition/subtraction to evaluate functions using function notation**

 $f\left(x\right)=x^{2}-1$ $ g\left(x\right)=2x-3$ $h\left(x\right)=1-4x$

|  |  |  |  |
| --- | --- | --- | --- |
| 1. $g\left(x\right)+h(x)$
 | 1. $g\left(x\right)-h(x)$
 | 1. $(g+f)(x)$
 | 1. $(g-f)(x)$
 |
| 1. $g\left(3\right)+h(3)$
 | 1. $g\left(3\right)-h(3)$
 | 1. $(g+f)(-2)$
 | 1. $(g-f)(-2)$
 |
| 1. $f\left(x\right)+h(x)$
 | 1. $(f-g)(4)$
 | 1. $h\left(-3\right)-g(-3)$
 | 1. $(h+h)(x)$
 |
| 1. $h\left(4\right)+f(2)$
 | 1. $(h-f)(x)$
 | 1. $h\left(x\right)+g(x)$
 | 1. $f\left(-1\right)+g(3)$
 |

NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_CLASS\_\_\_\_\_\_\_\_\_\_\_DATE\_\_\_\_\_\_\_\_\_\_\_\_\_ 4-6D PRACTICE

**4-6d: to apply addition/subtraction to evaluate functions using function notation**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** |  | **2** |  | **3** |  |
| **4** |  | **5** |  | **6** |  |
| **7** |  | **8** |  | **9** |  |
| **10** |  | **11** |  | **12** |  |