On a separate sheet of paper answer these questions. Use your notes from the front side to help with this HOMEWORK!

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Identify the domain and range:

|  |  |
| --- | --- |
| x | y or \_\_\_\_\_\_\_ |
| 4 | -10 |
| 3 | -8 |
| 2 | -16 |
| 1 | -5 |

 | Evaluate the following functions:f(x) = 6x + 2, what is f(-2); what is f(0)f(x) = -15x, what is f(10); what is f(-10)f(x)= x² + 100, what is f(2); what is f(7) |
| Identify the domain and range: | Identify the domain and range: |
| Identify the domain and range:{(-2, -4), (-1, -1), (0, 0), (1, -1), (2, -4)} | Are these relations functions?B)A){(5, 3), (2, 3), (6, 3), 1, 3)} |
| Are these relations functions? B)A)

|  |  |
| --- | --- |
| x | f(x) |
| 10 | 50 |
| 10 | 60 |
| 20 | 70 |
| 30 | 80 |

 | Are these relations functions?B)A)xy123123 |