Fill in the tables.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Period | Amplitude | Phase shift | Vertical Shift | Range |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|   |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |

Write the sine equation for each of the following:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Amplitude | Period  | Phase shift | VerticalShift | Equation |
| 2 |   |  | 1 |  |
| 4 |   |  | -4 |  |
| 1 | 1 |  | 2 |  |
| 3 | 4 | -1 |  |  |

Graph:

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |