|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  FA Transformations of Sine and Cosine | |  |  |  | | --- | --- | --- | | 2nd hour | 3rd hour | 4th hour | | 5th hour | 6th hour | 7th hour | |

Write the equation of the given graph with the implied period

Chart, line chart

Description automatically generated

Translated form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

General Form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function



Complete this table based on the implied period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Local extreme 1 | Midline point 1 | Local extreme 2 | Midline point 2 | Local extreme 3 |
|  |  |  |  |  |

Show any necessary work here

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  FA Transformations of Sine and Cosine | |  |  |  | | --- | --- | --- | | 2nd hour | 3rd hour | 4th hour | | 5th hour | 6th hour | 7th hour | |

Write the equation of the given graph with the implied period

Chart, line chart

Description automatically generated

Translated form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

General Form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function



Complete this table based on the implied period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Midline point 1 | Local extreme 1 | Midline point 2 | Local extreme 2 | Midline point 3 |
|  |  |  |  |  |

Show any necessary work here

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  FA Transformations of Sine and Cosine | |  |  |  | | --- | --- | --- | | 2nd hour | 3rd hour | 4th hour | | 5th hour | 6th hour | 7th hour | |

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Translated form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

General Form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function



Complete this table based on the implied period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Local extreme 1 | Midline point 1 | Local extreme 2 | Midline point 2 | Local extreme 3 |
|  |  |  |  |  |

Show any necessary work here

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  FA Transformations of Sine and Cosine | |  |  |  | | --- | --- | --- | | 2nd hour | 3rd hour | 4th hour | | 5th hour | 6th hour | 7th hour | |

Write the equation of the given graph with the implied period

Chart, line chart

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Translated form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

General Form of the function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show any necessary work below

Sketch a graph of the function with the implied period

Complete the related table

Given function



Complete this table based on the implied period

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Midline point 1 | Local extreme 1 | Midline point 2 | Local extreme 2 | Midline point 3 |
|  |  |  |  |  |

Show any necessary work here