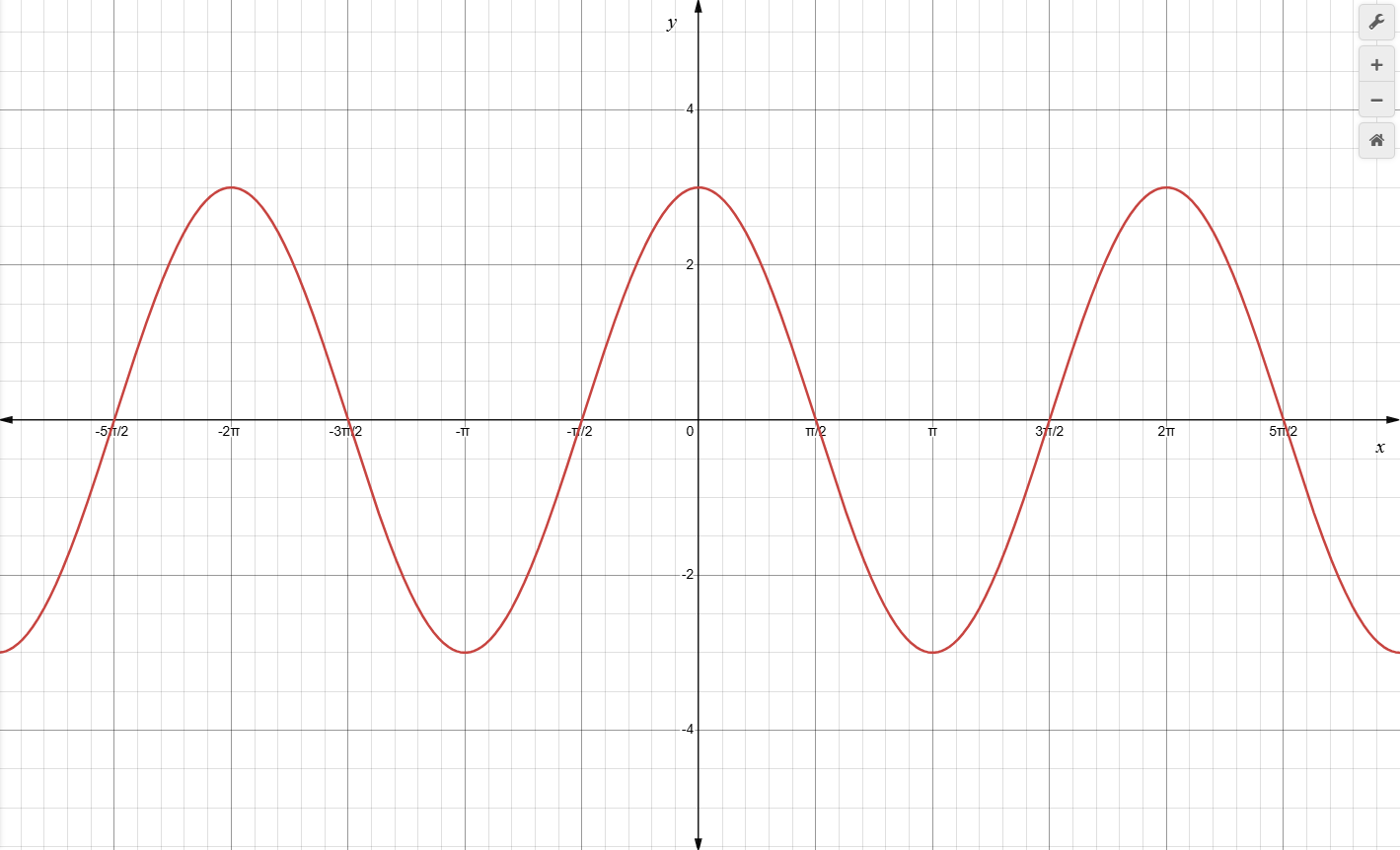
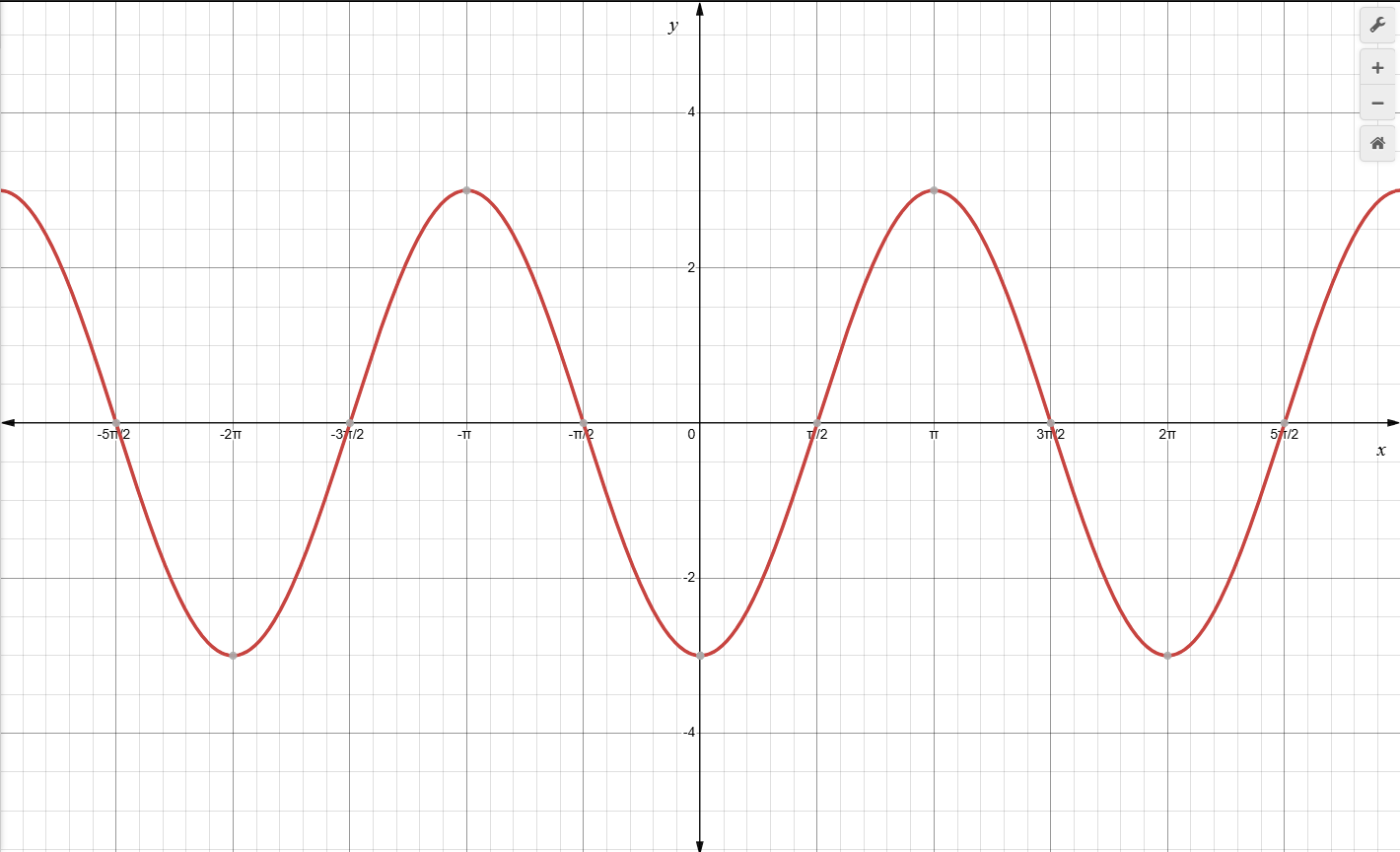
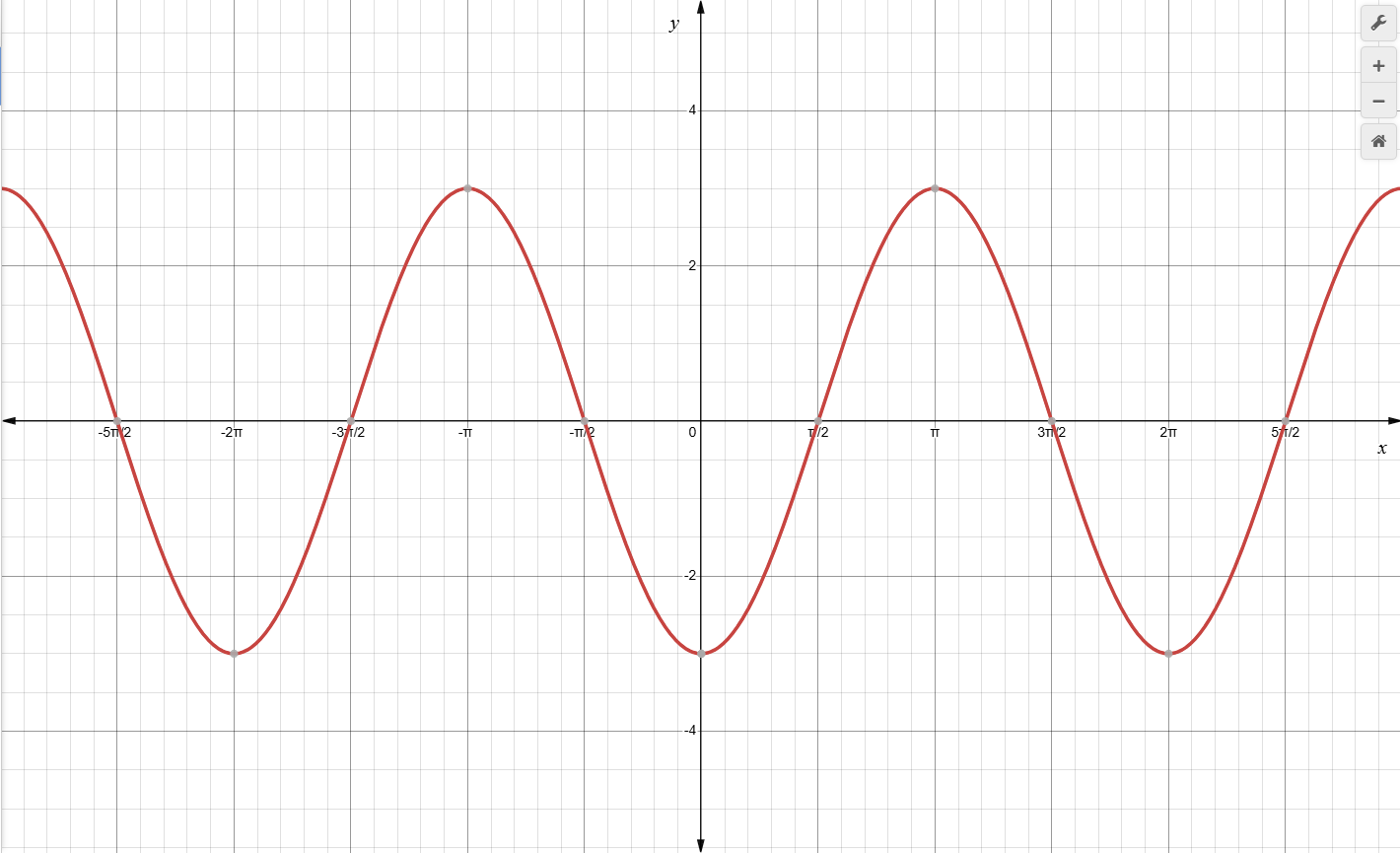
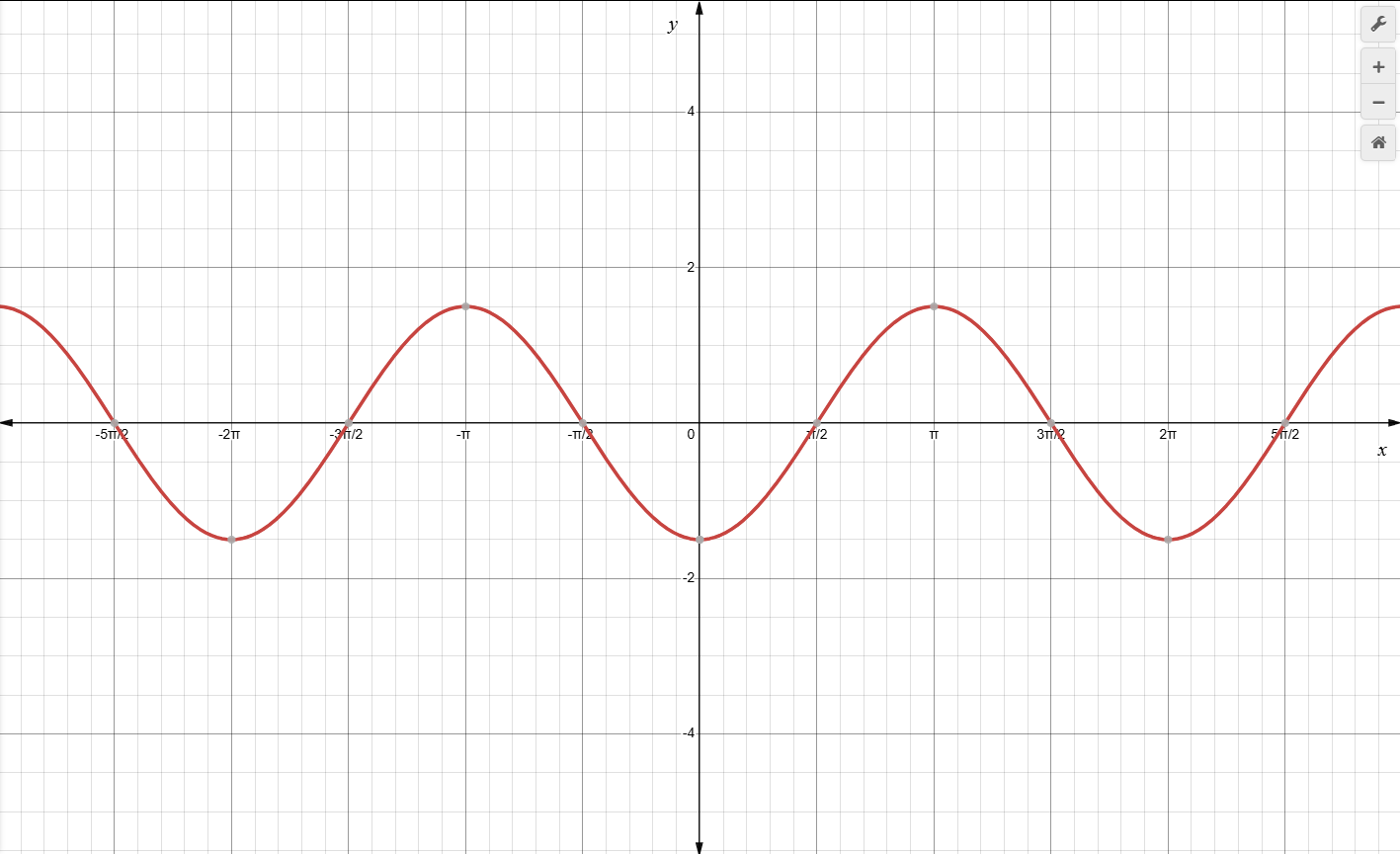
Additional Problems: Periodic Functions

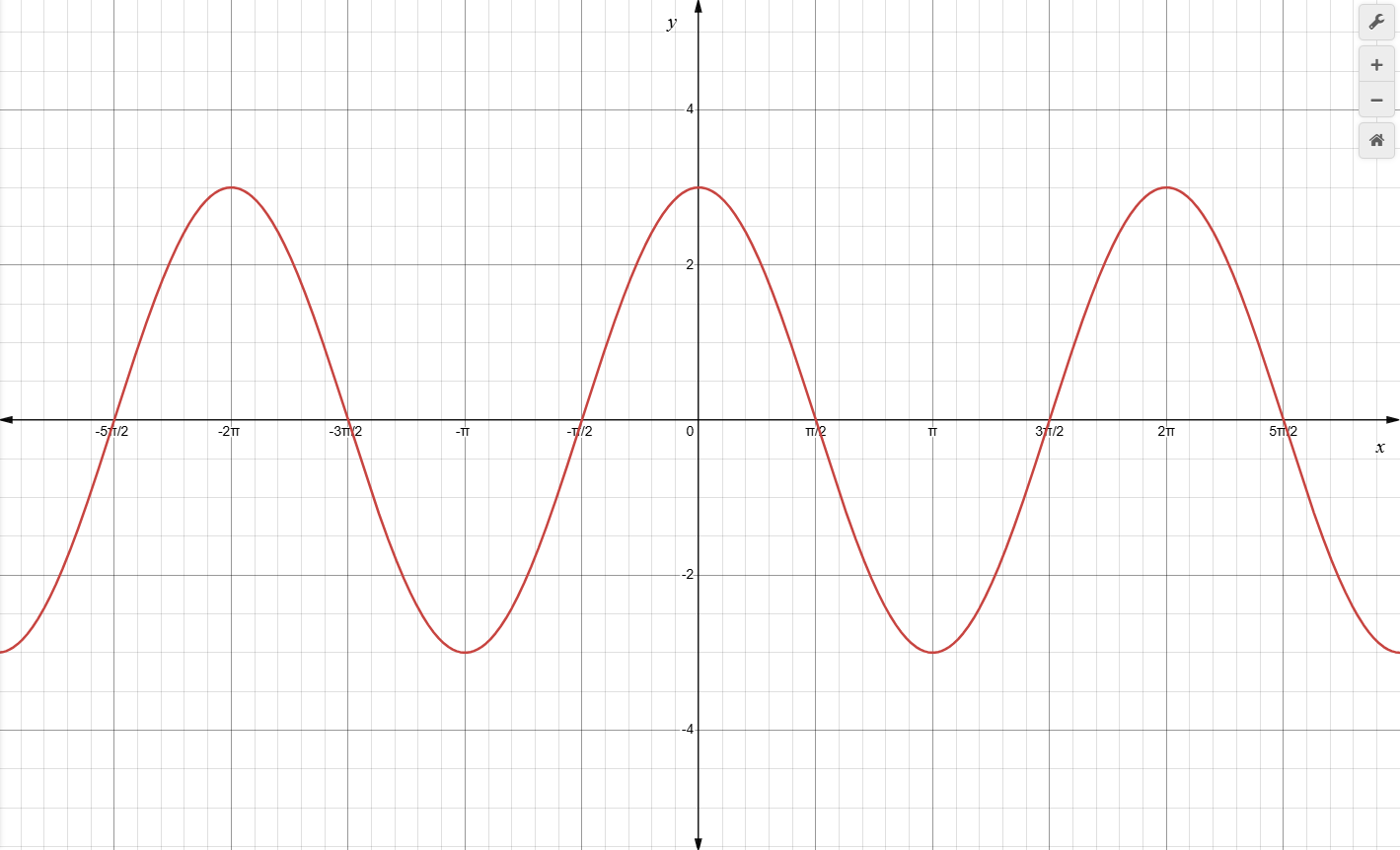
**Reflections**

**Some problems include the solution. Please remove before sharing with students.**

1. Using , find the y-values in the second row of the table by substituting each x-value in to the function. Which of the following is the graph of ?

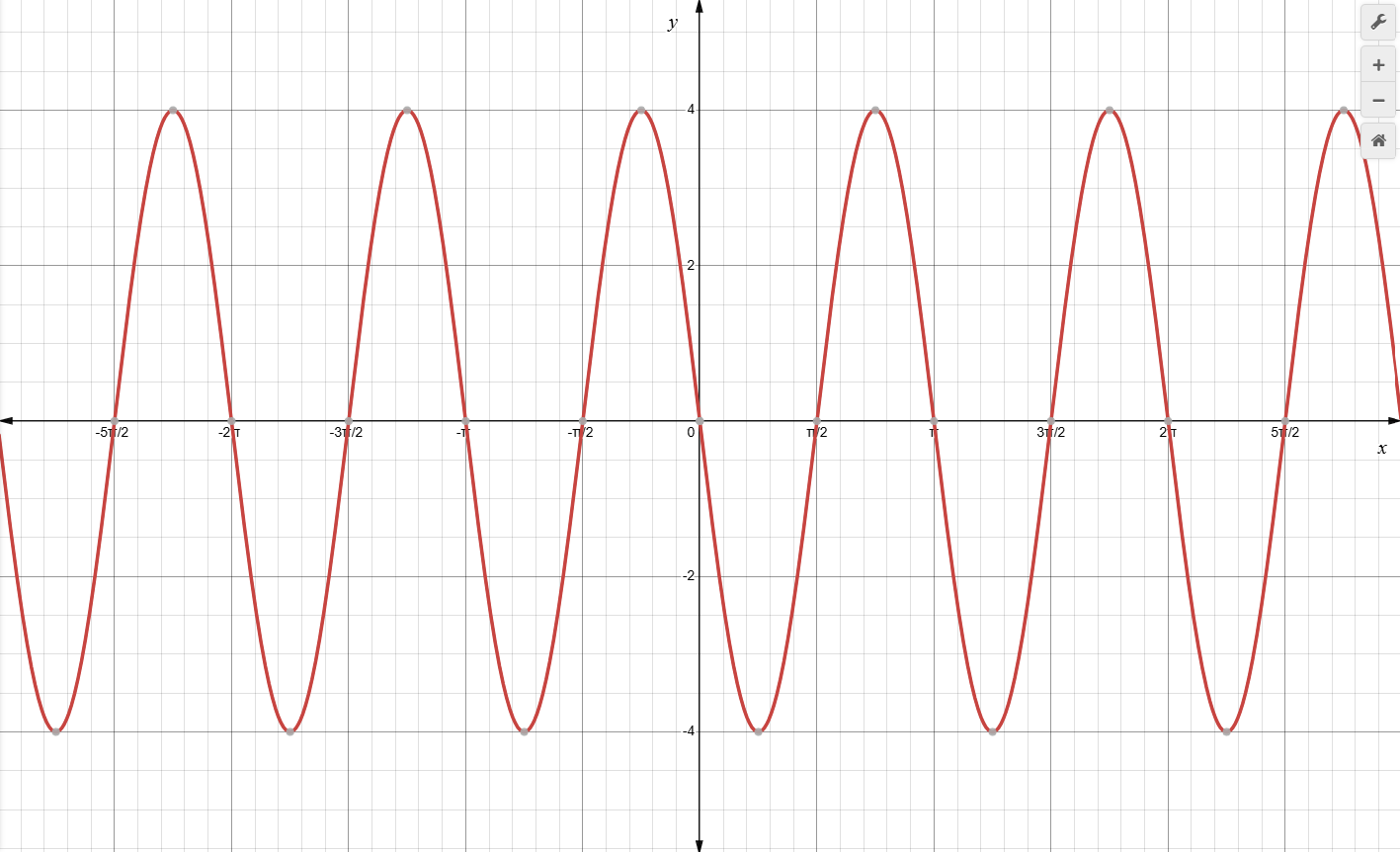
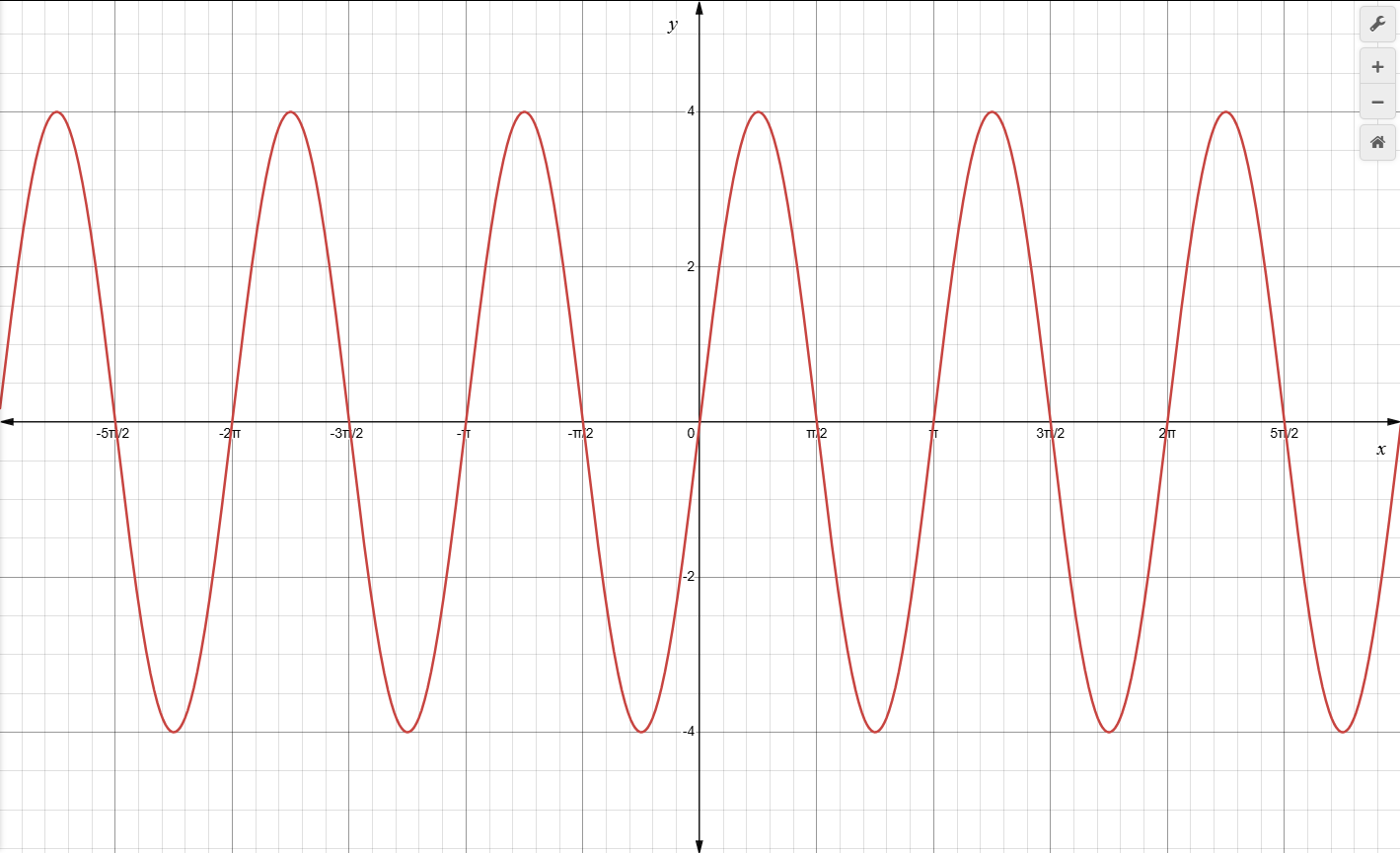
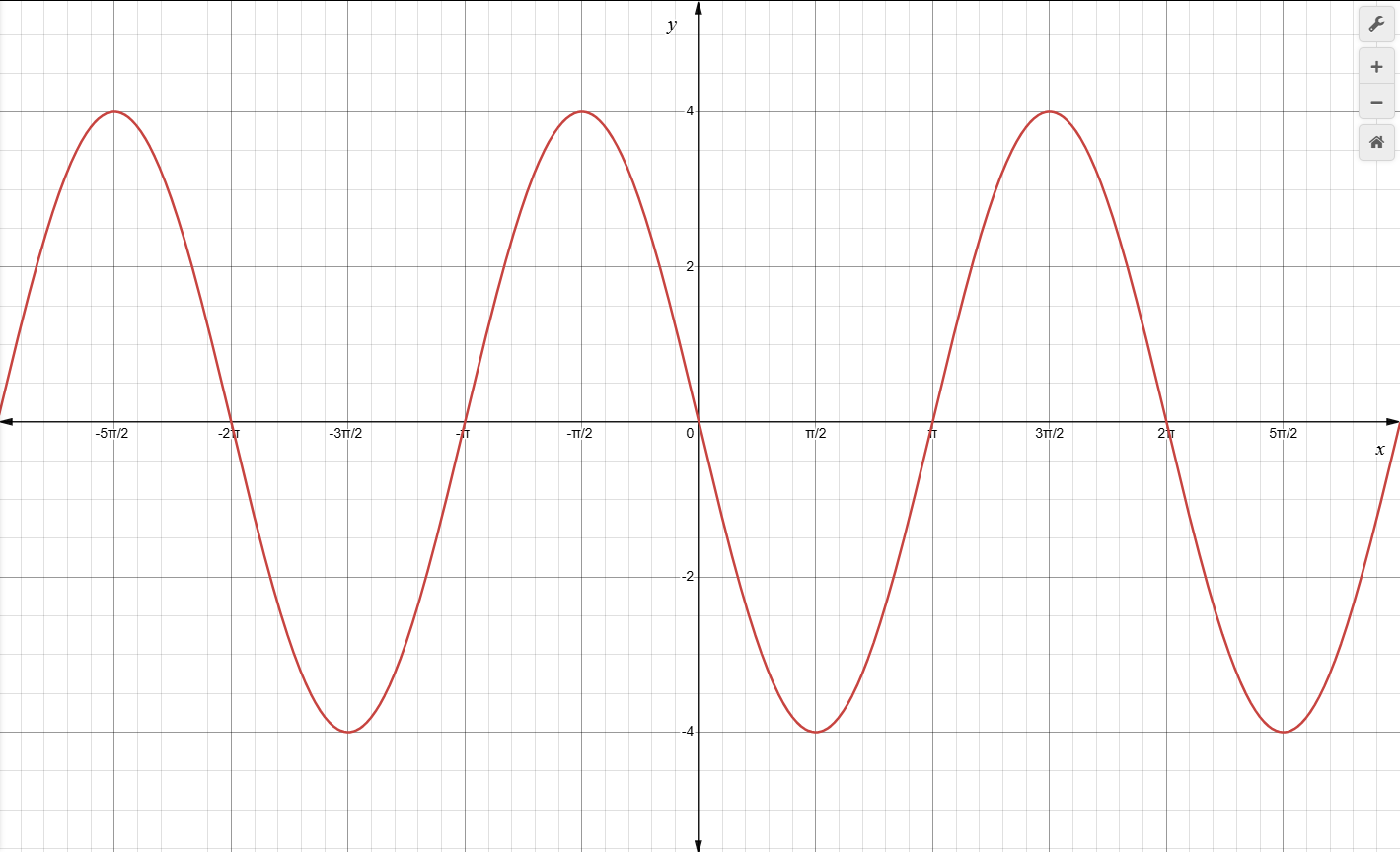
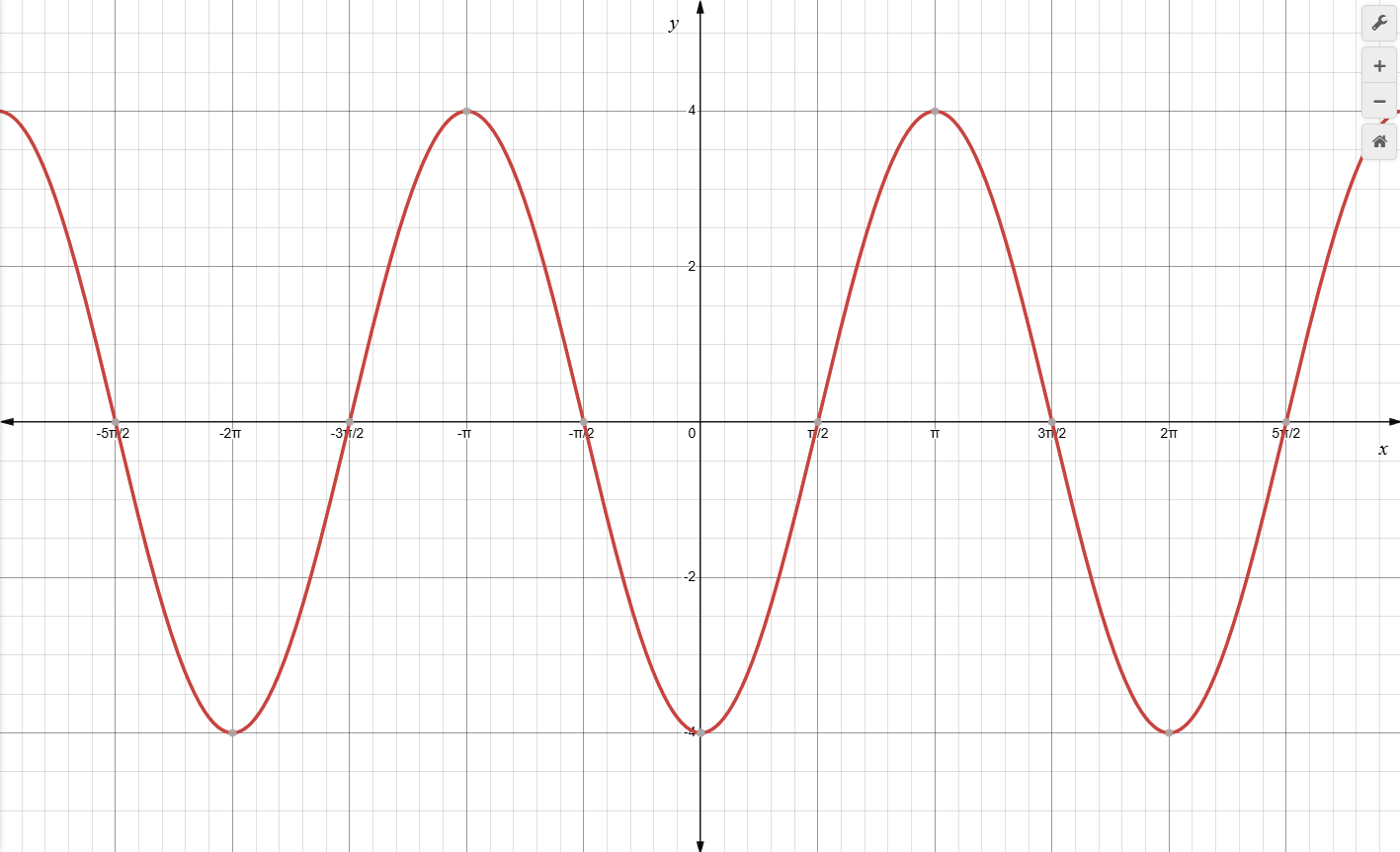
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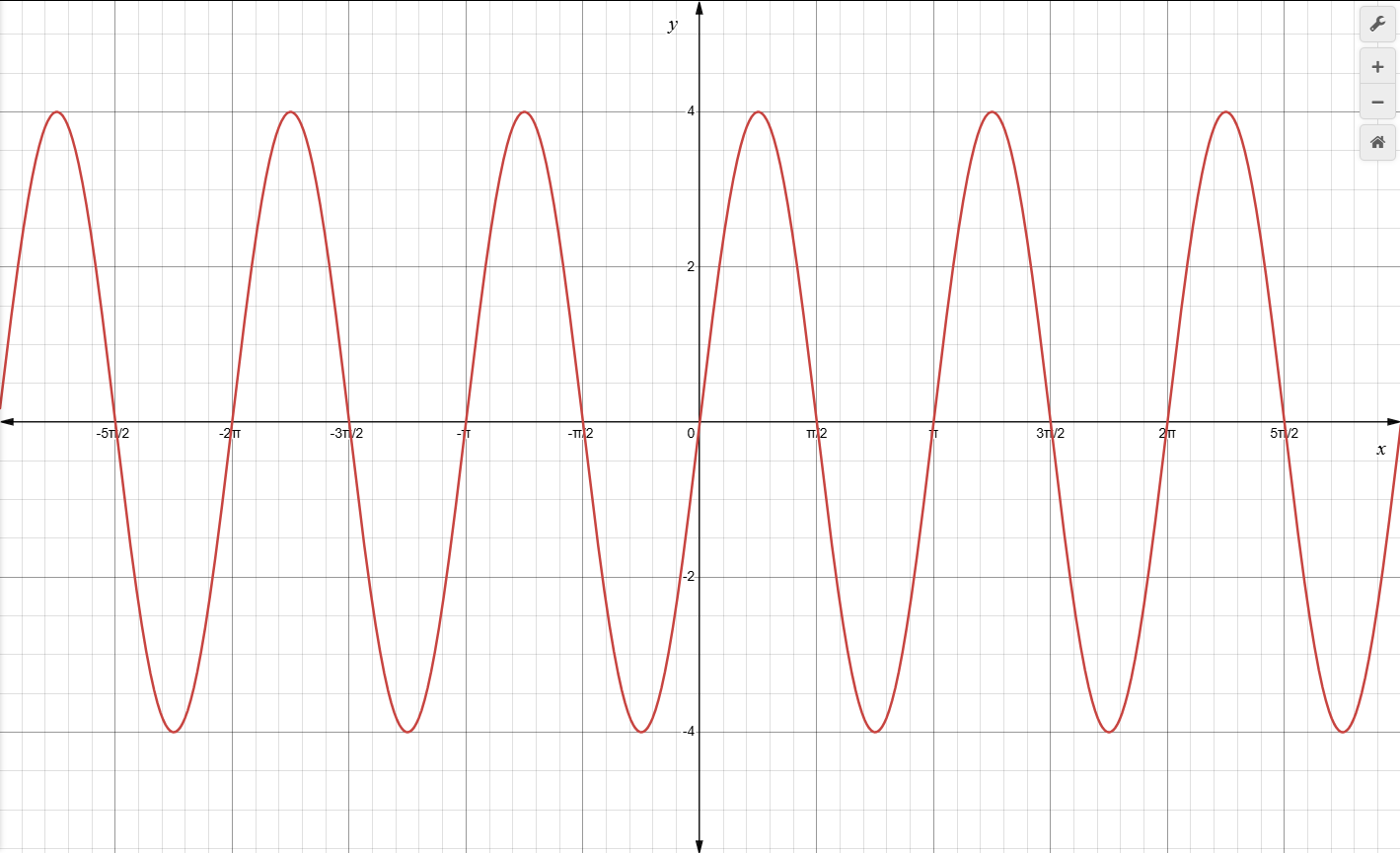
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\*\*Solution: 

1. Using , find the y-values in the second row of the table by substituting each x-value into the function. Which of the following is the graph of ?

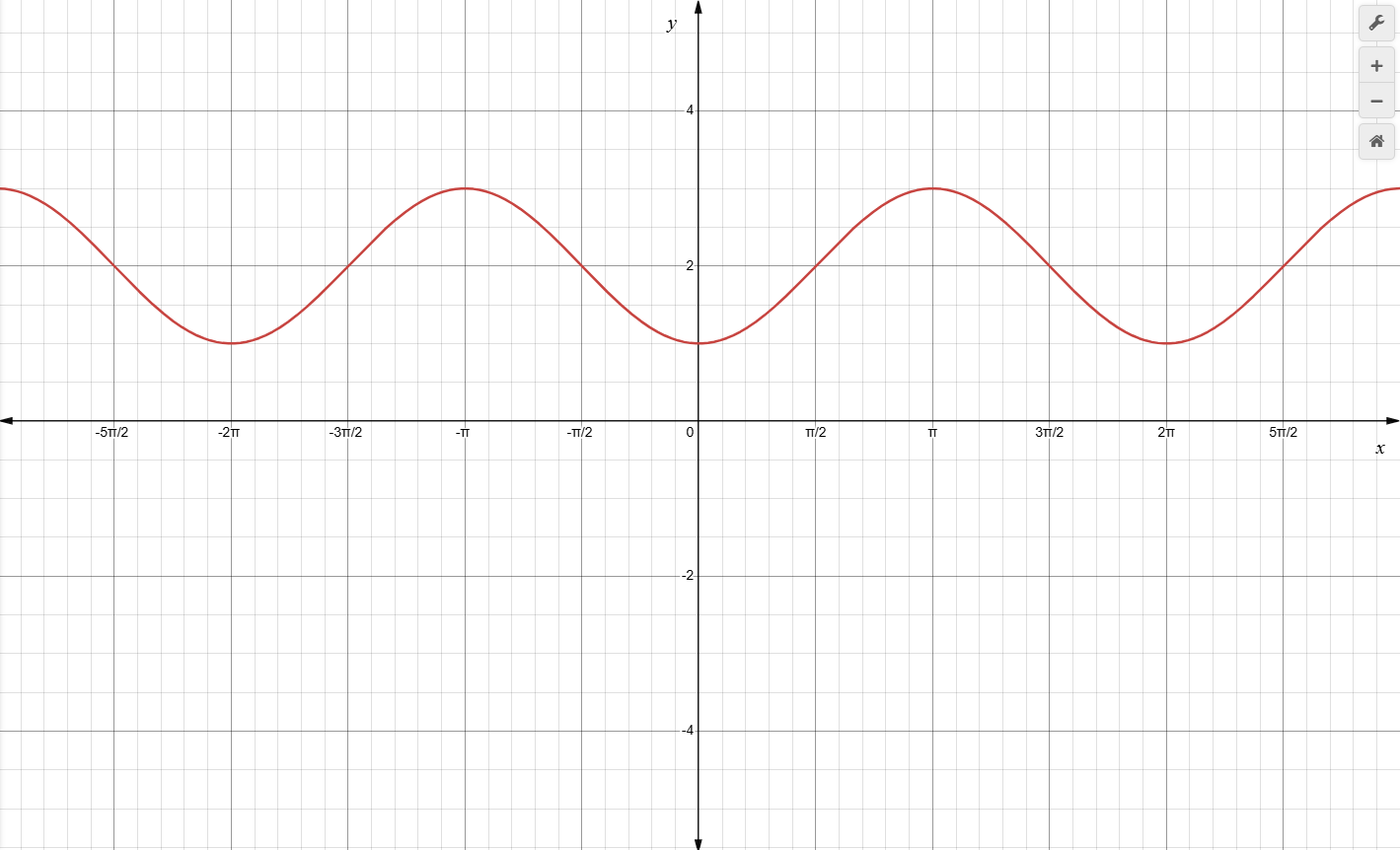
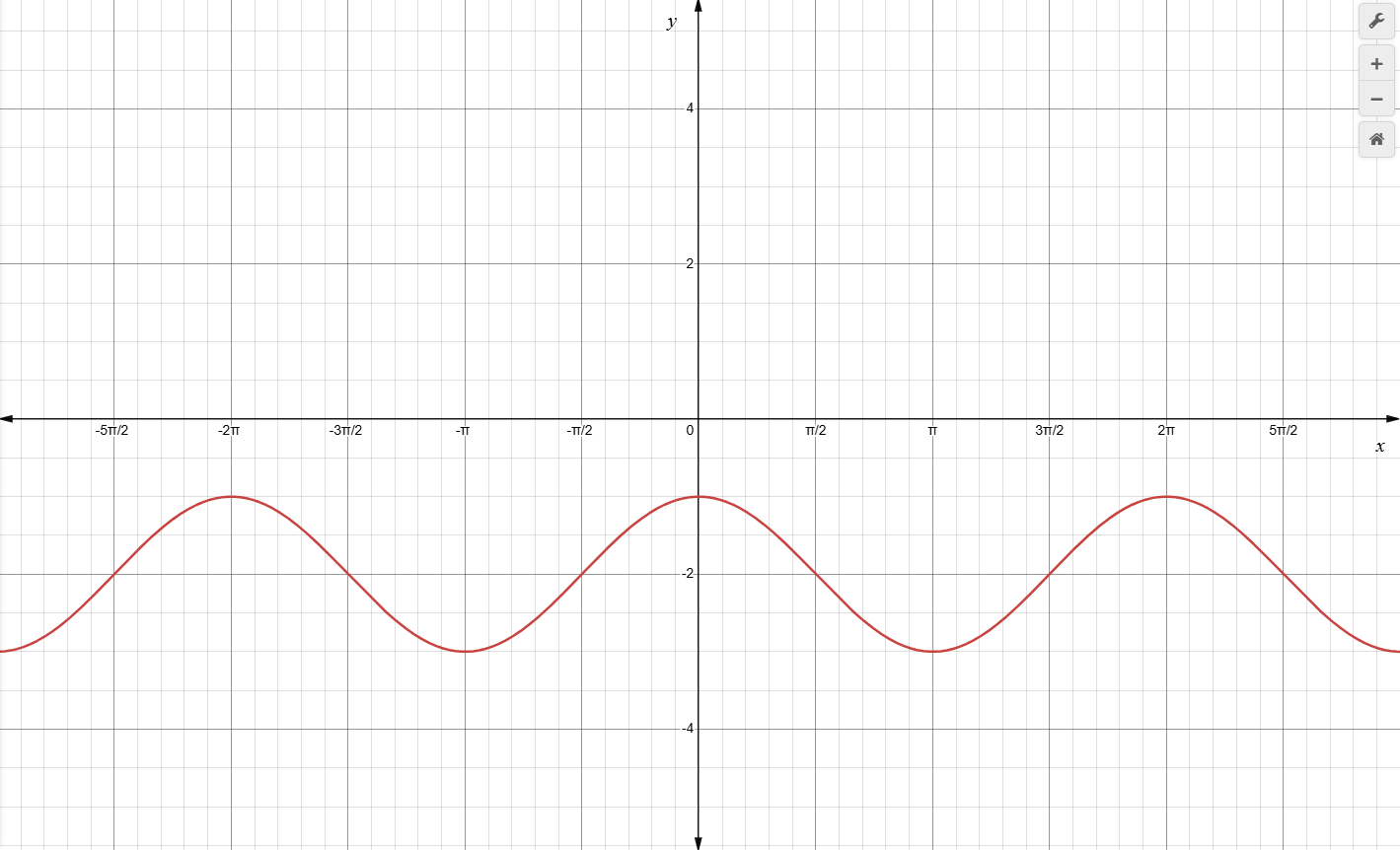
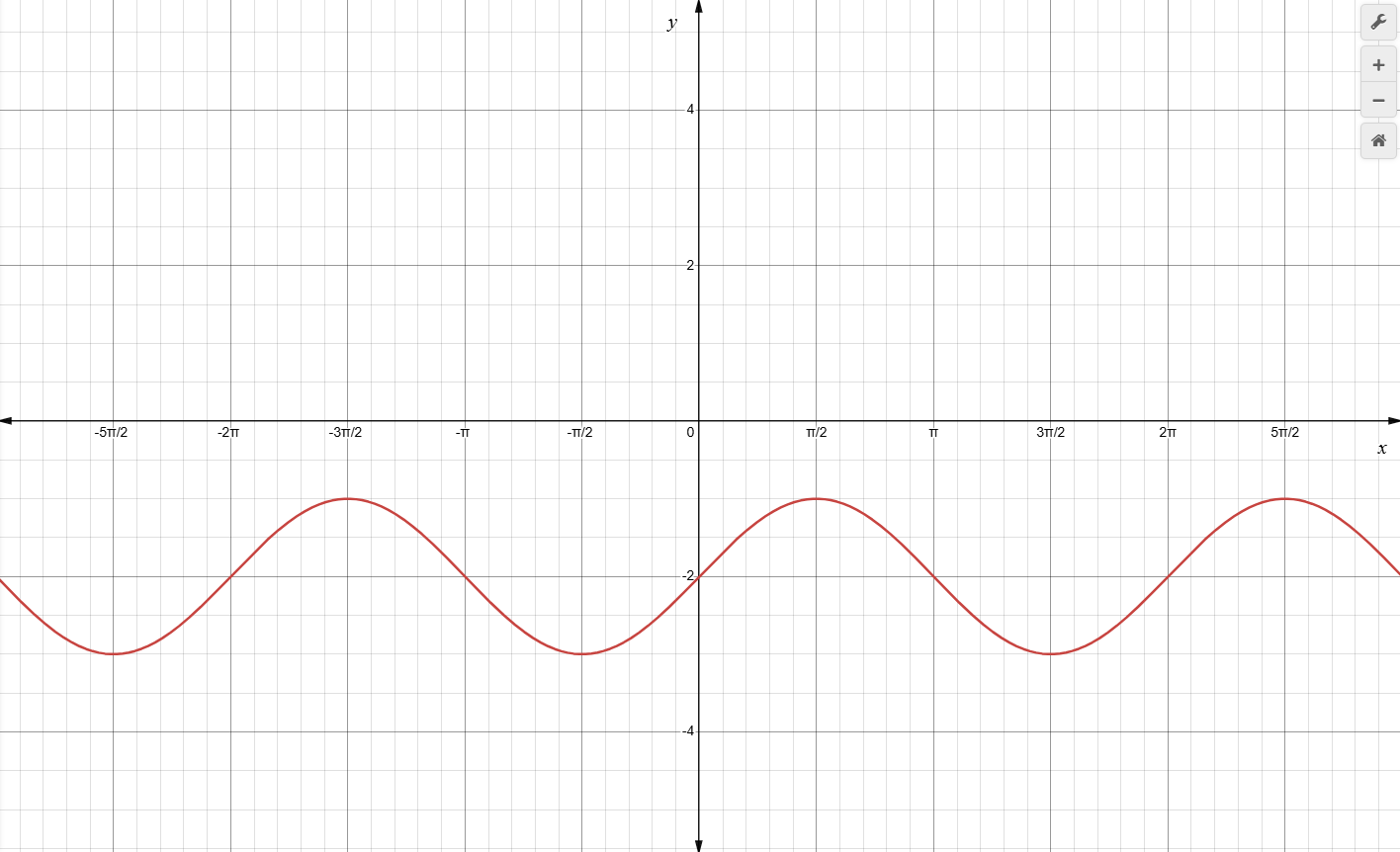
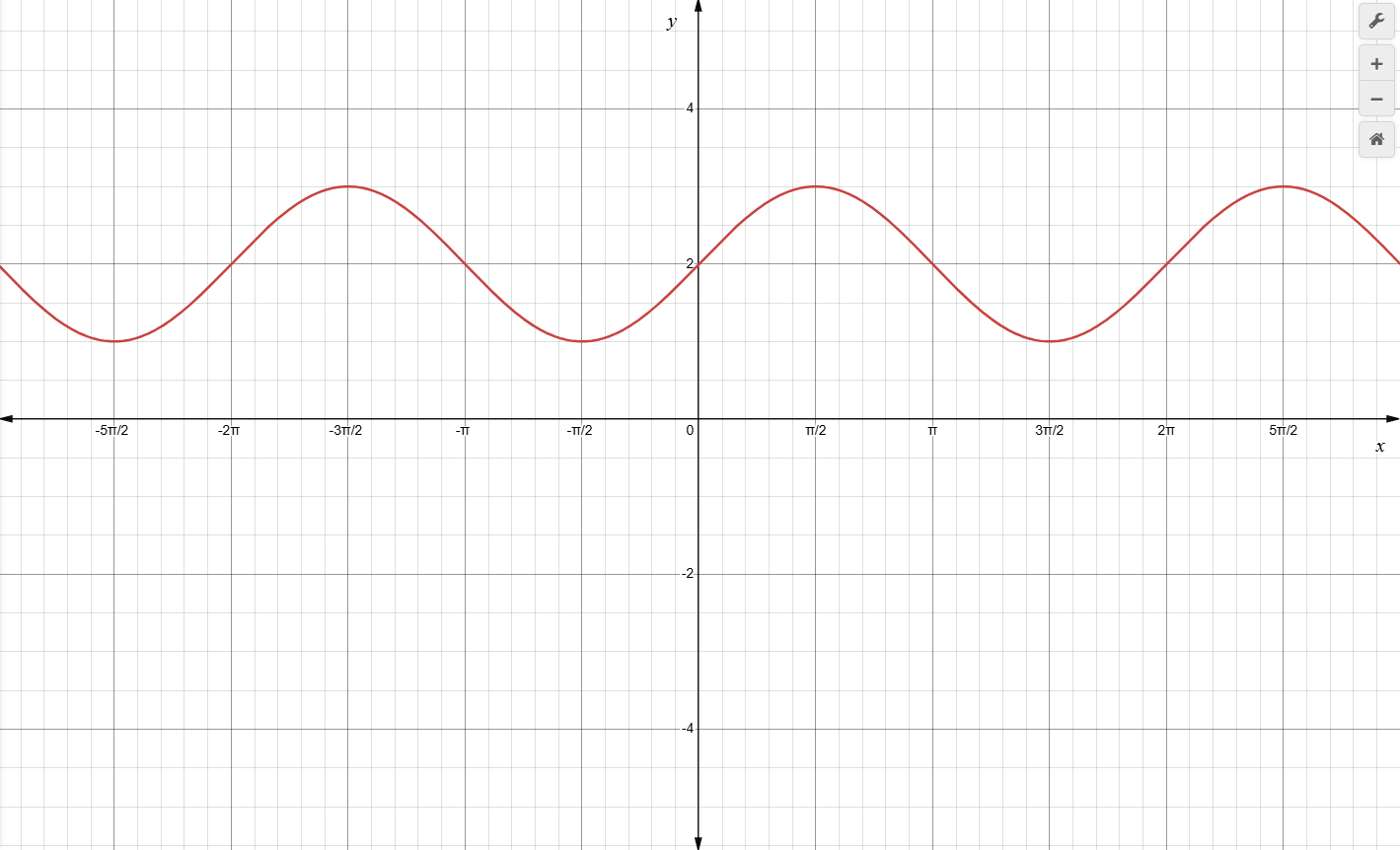
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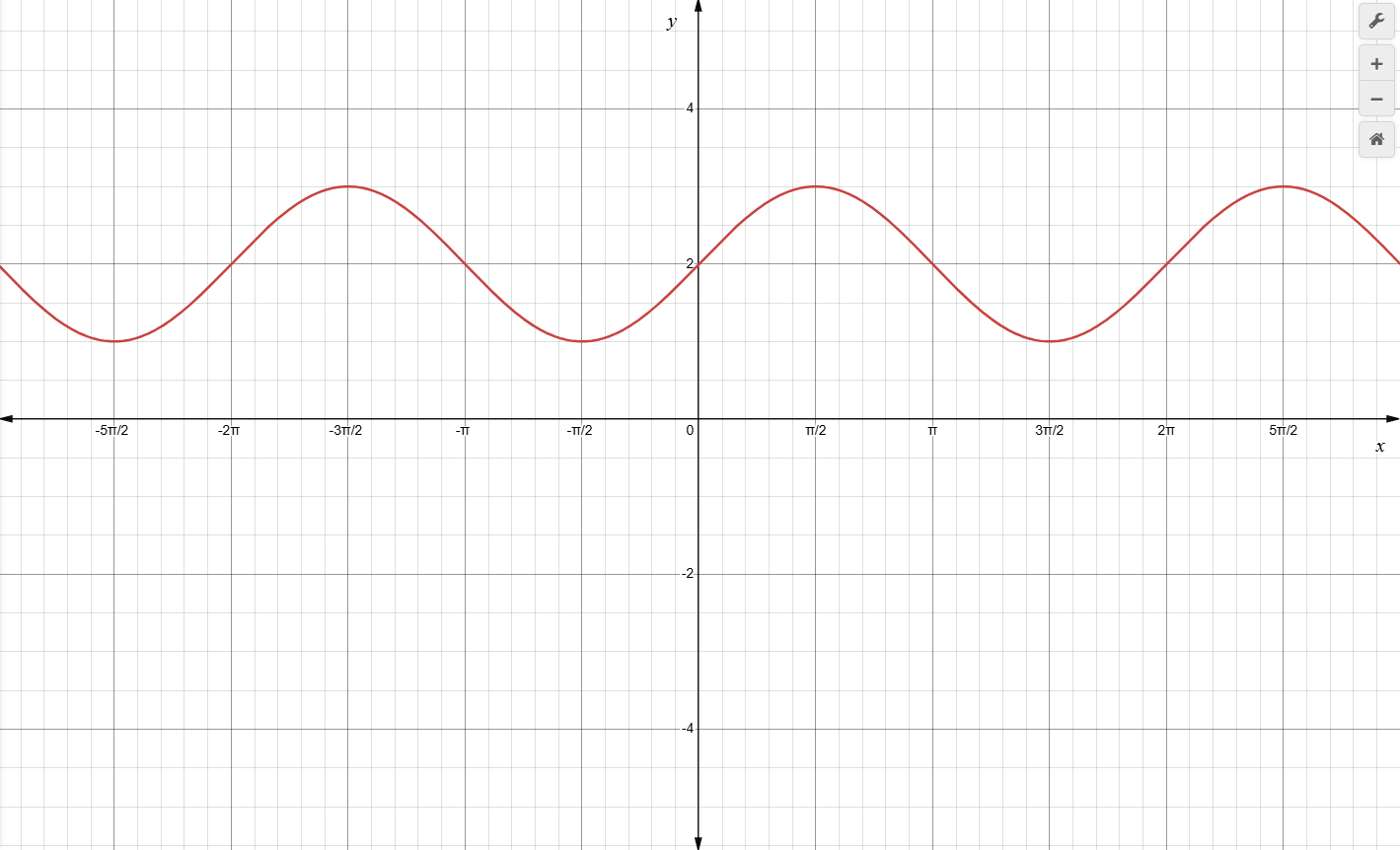
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\*\*Solution: 

1. Using , find the y-values in the second row of the table by substituting each x-value into the function. Which of the following is the graph of ?

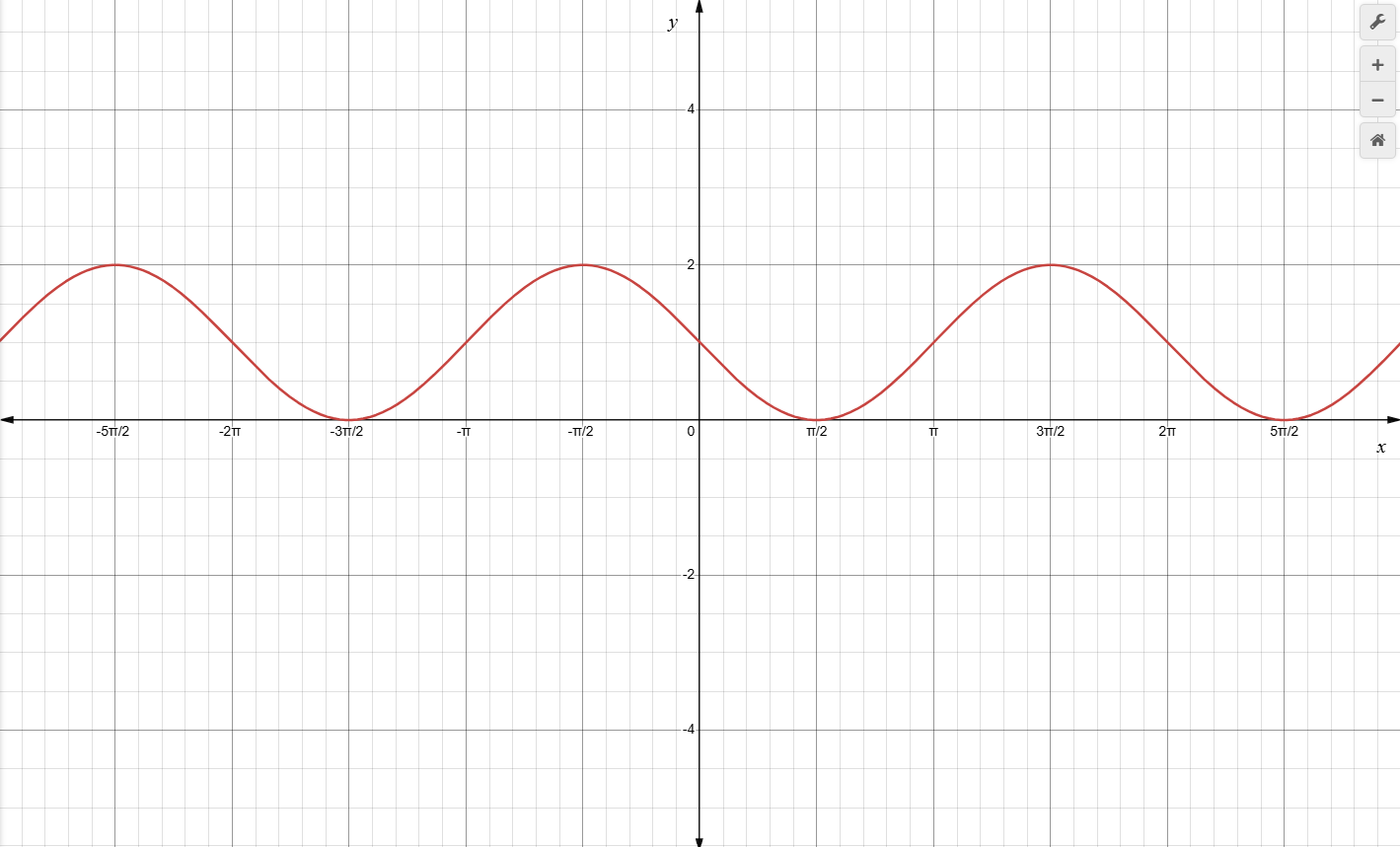
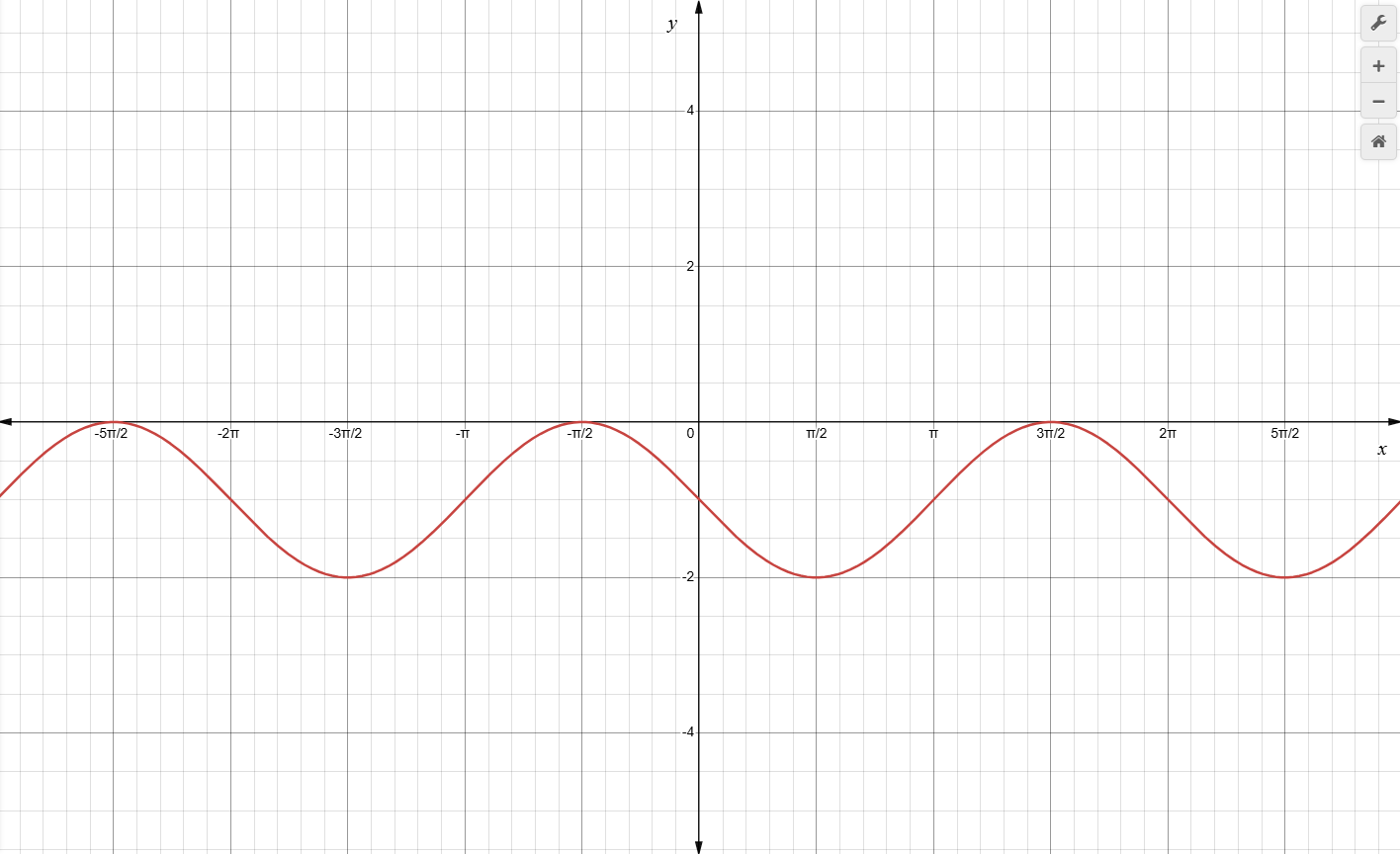
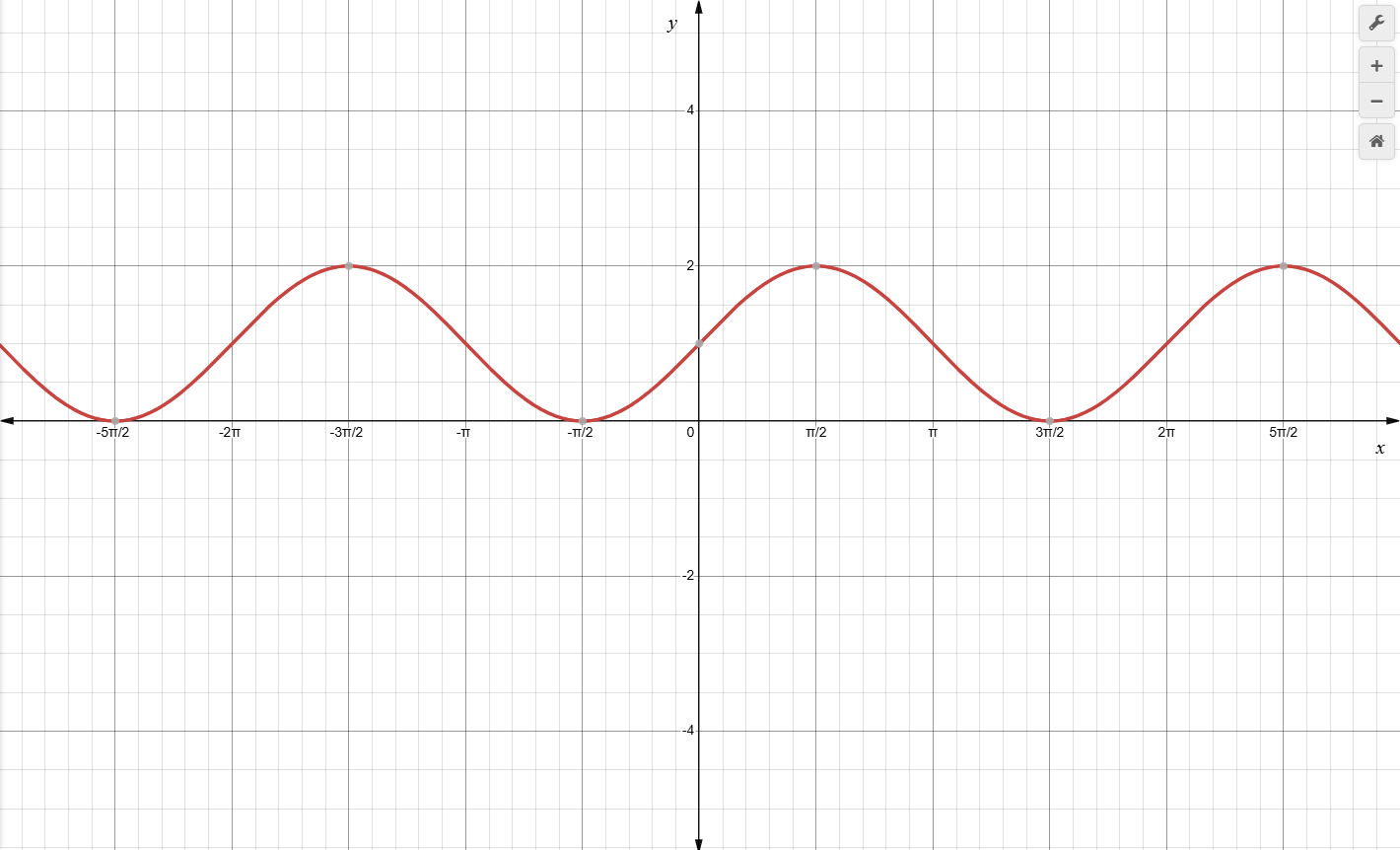
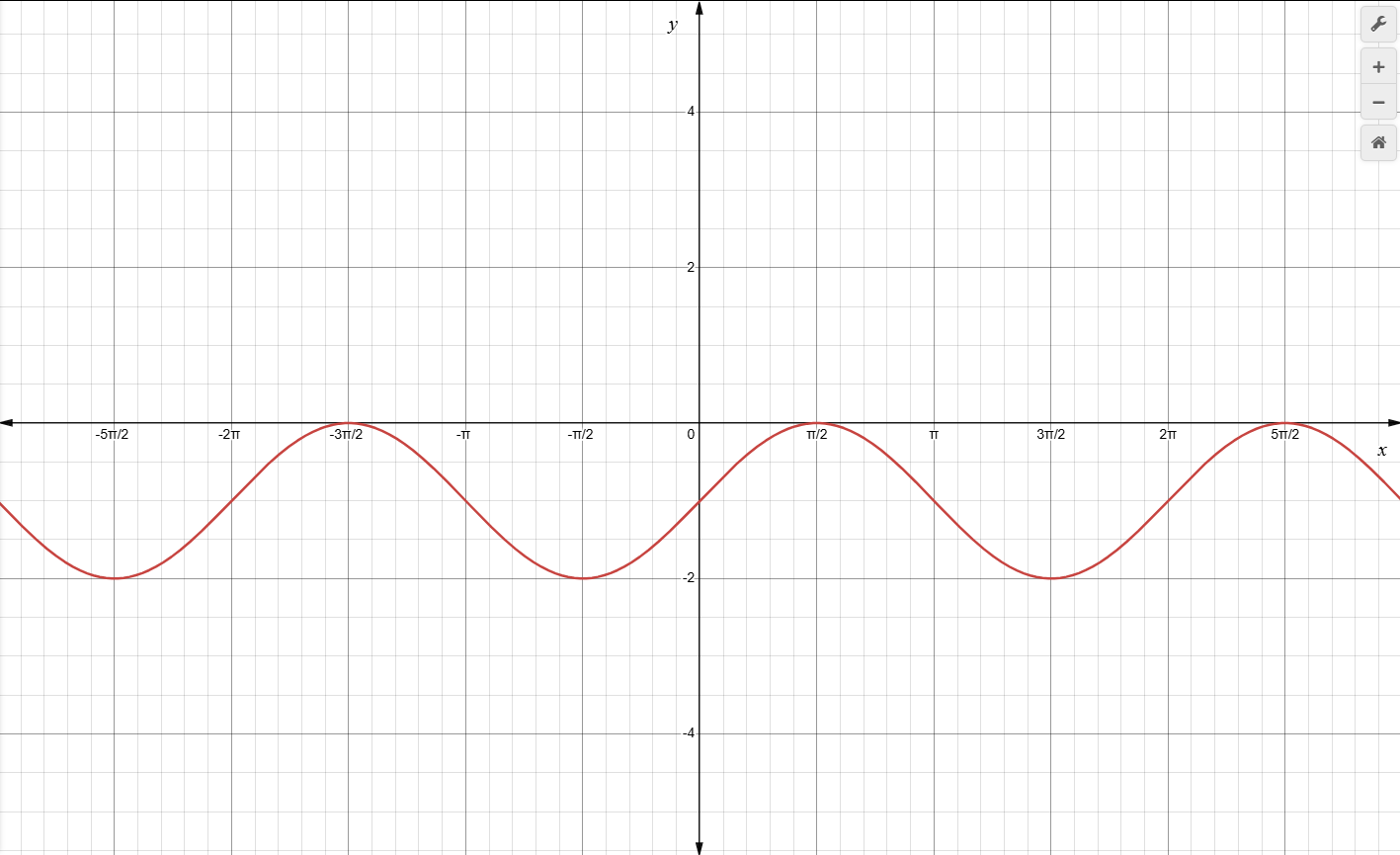
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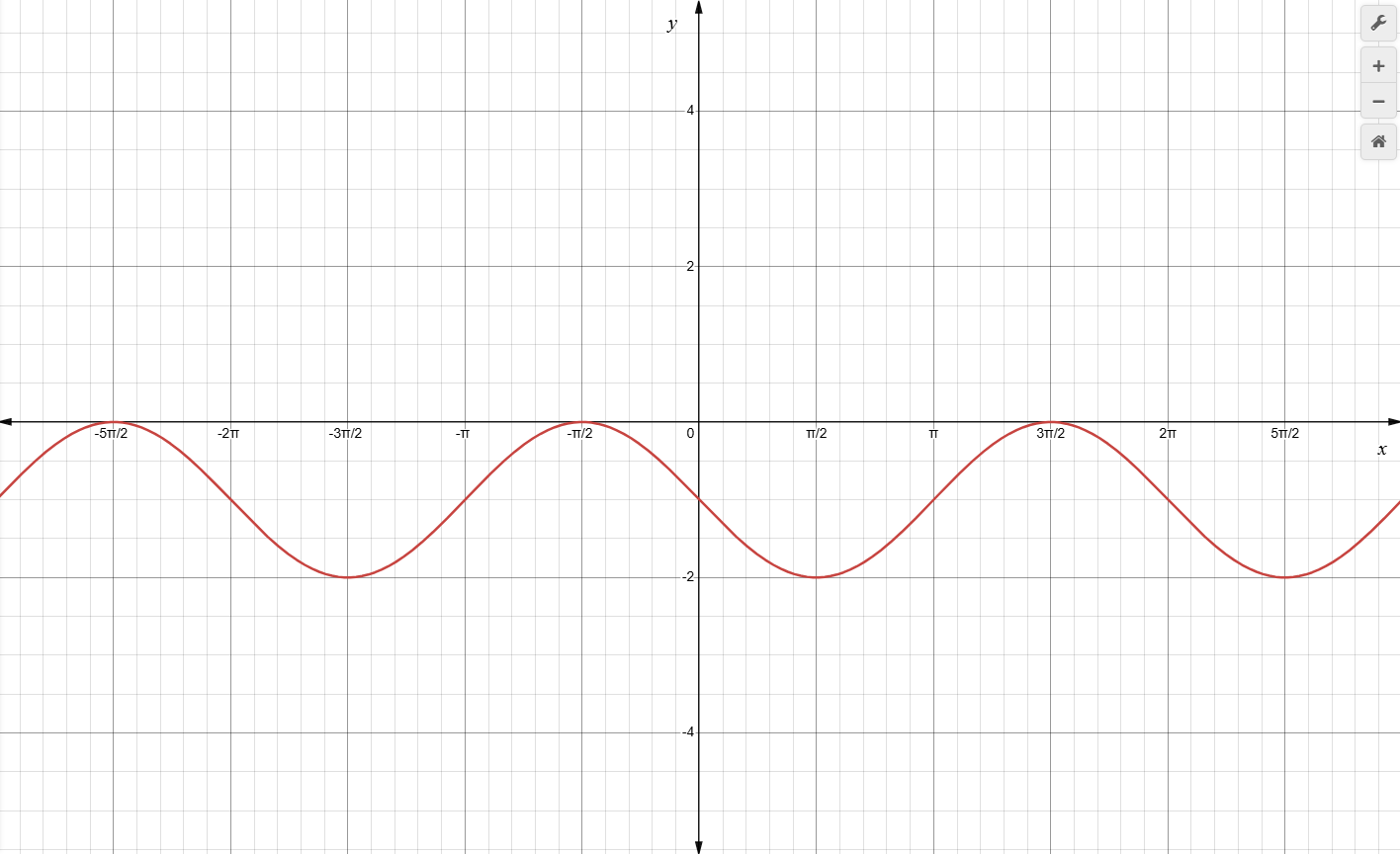
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\*\* Solution: 

1. Using , find the y-values in the second row of the table by substituting each x-value into the function. Which of the following is the graph of ?

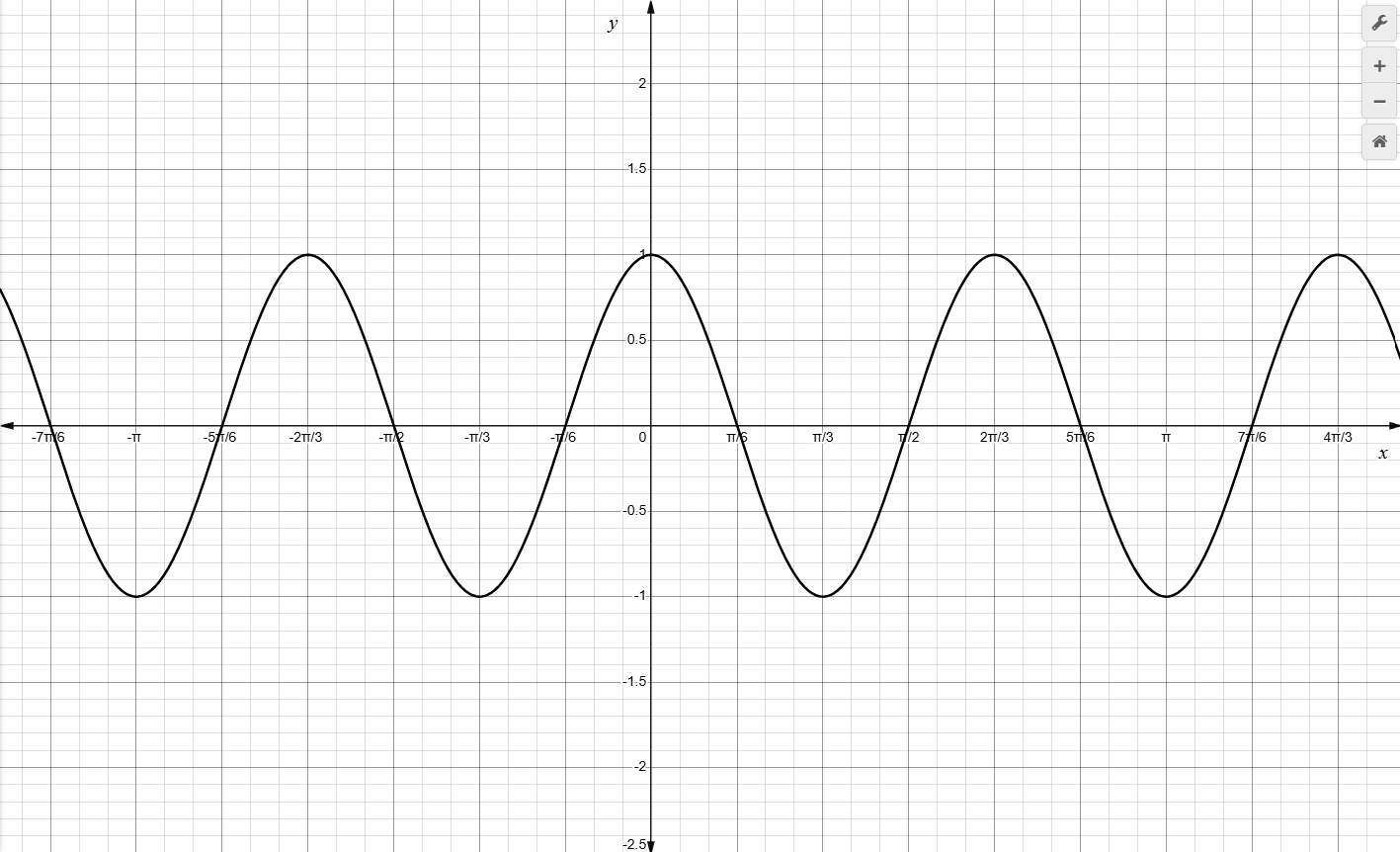
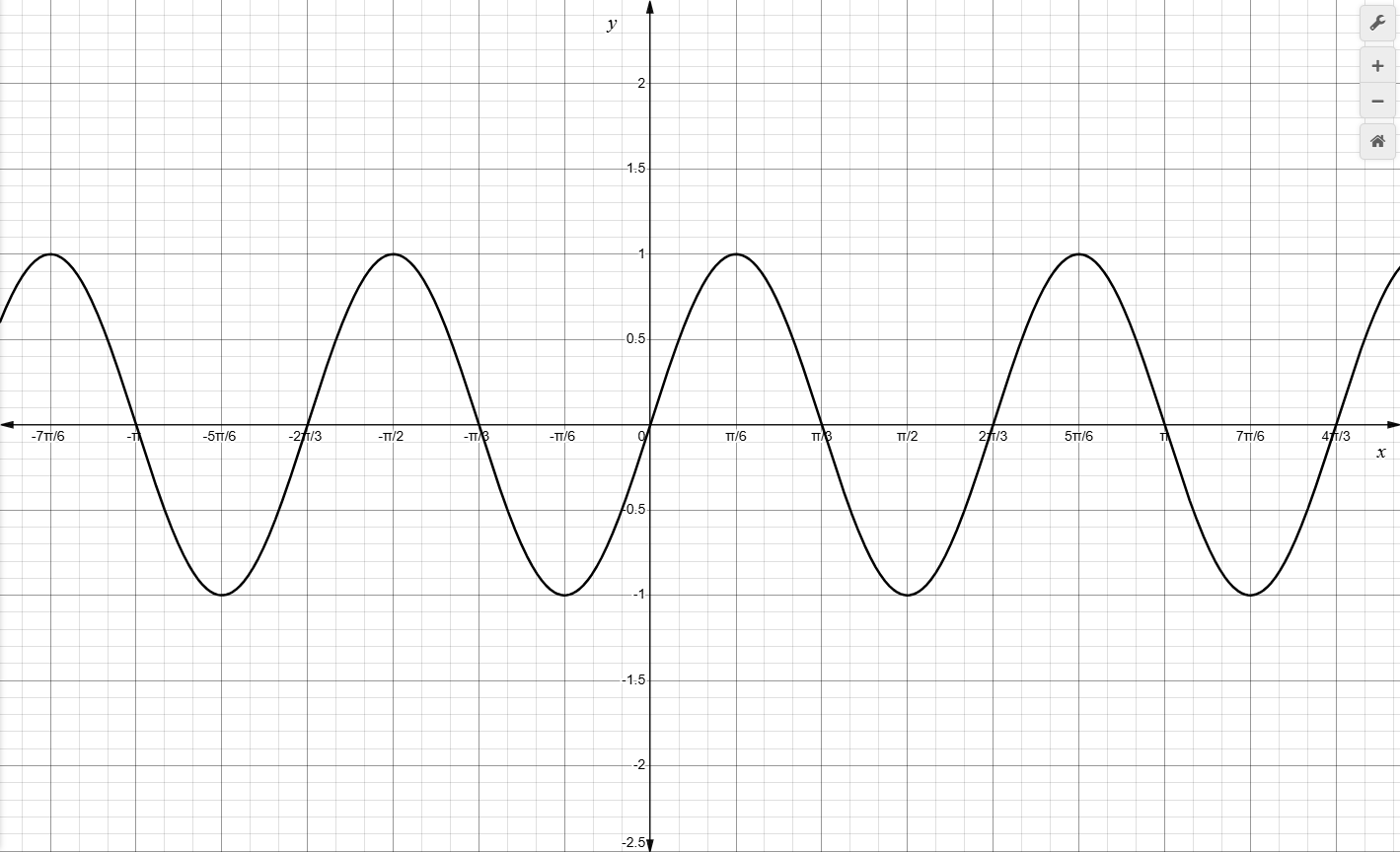
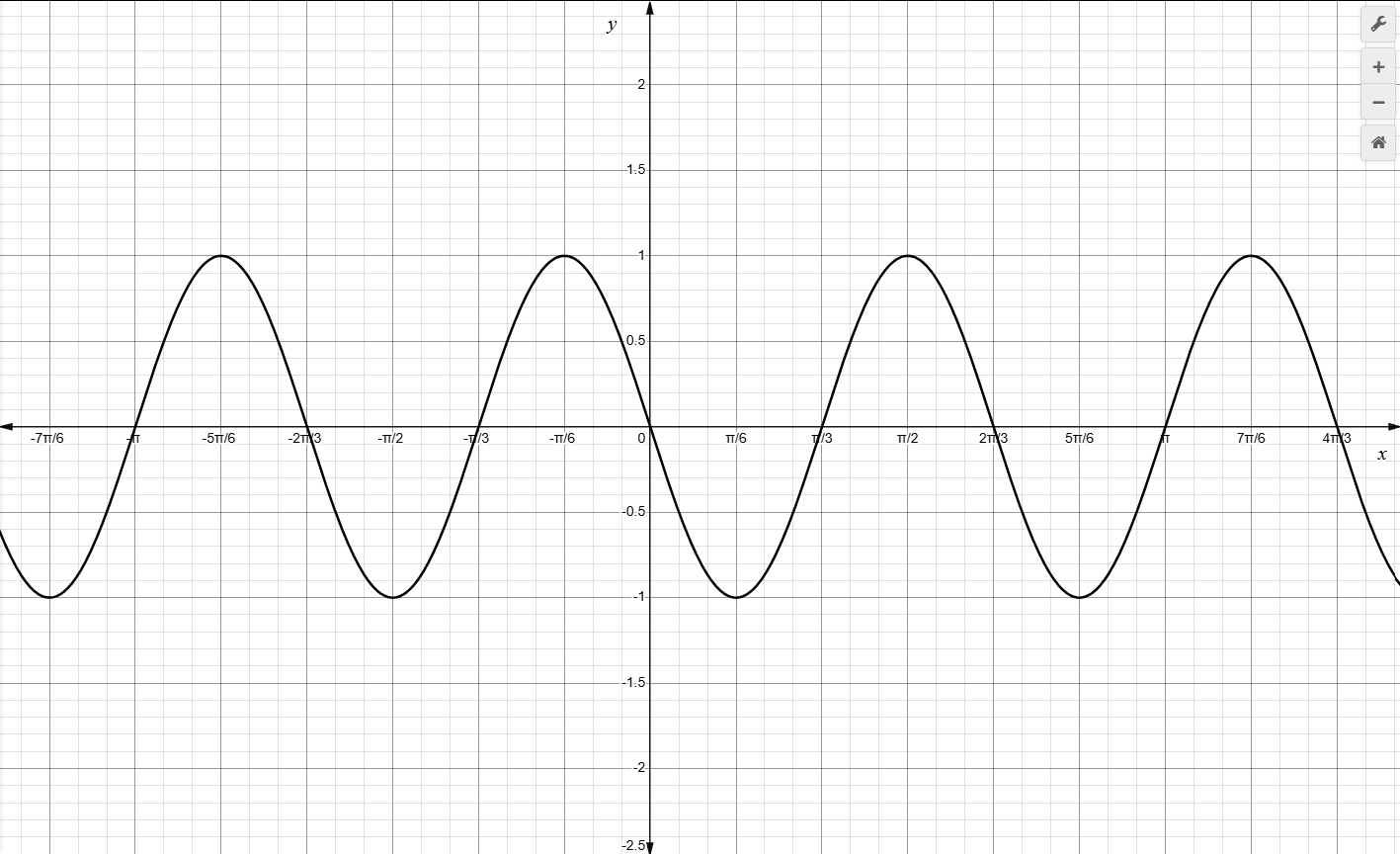
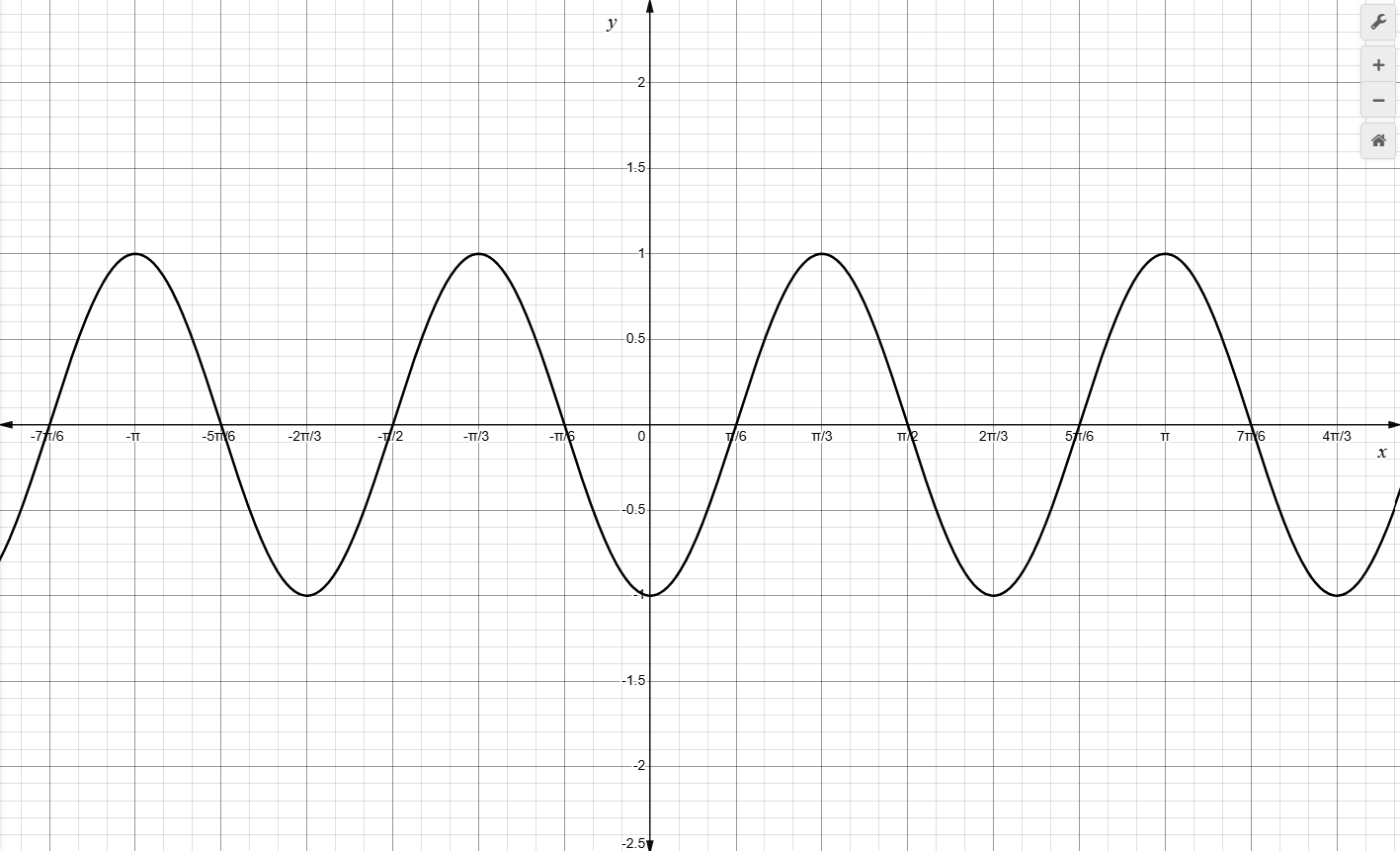
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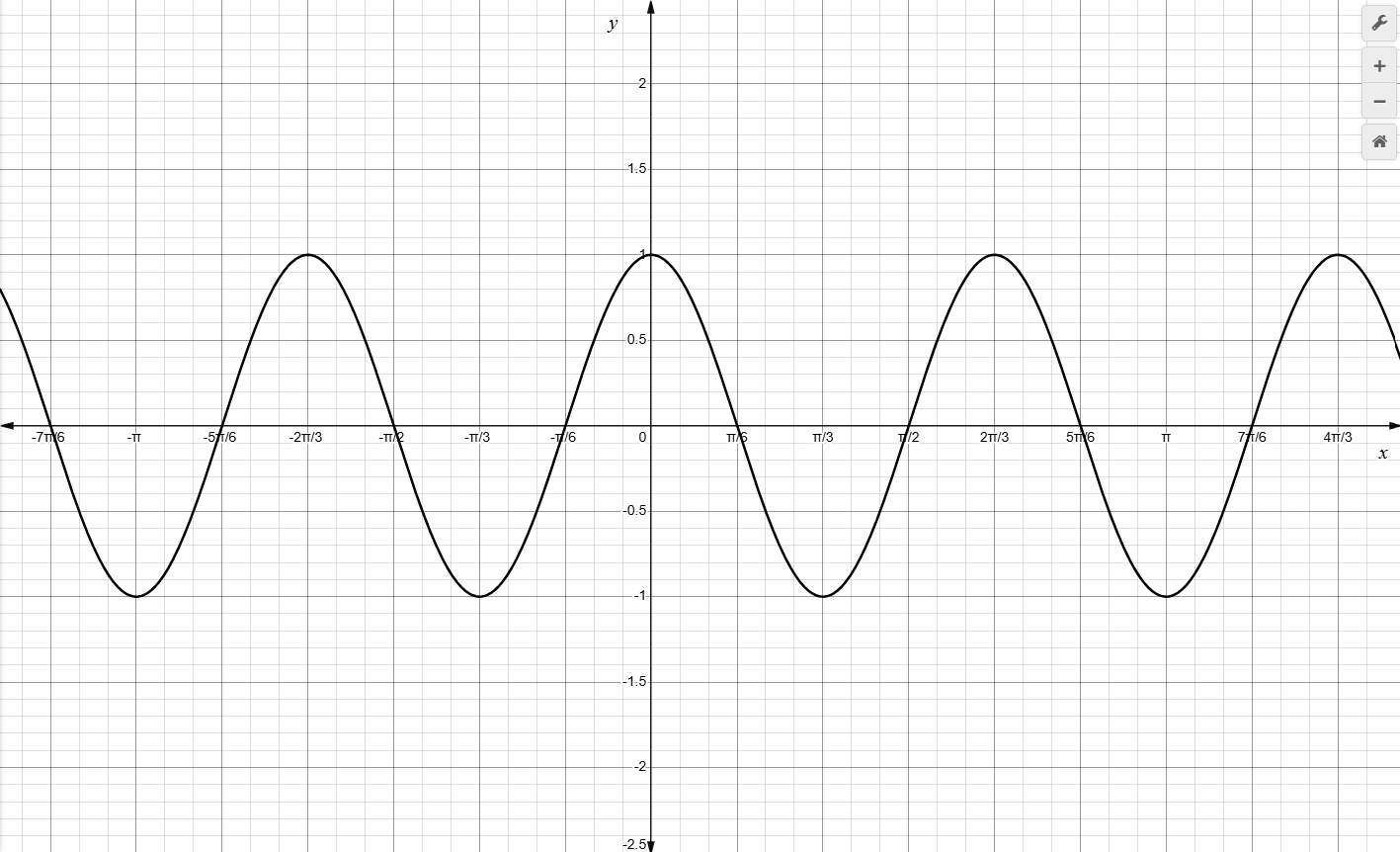
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\*\*Solution: 

1. Using find the y-values in the second row of the table by substituting each x-value into the function. Which of the following is the graph of ?

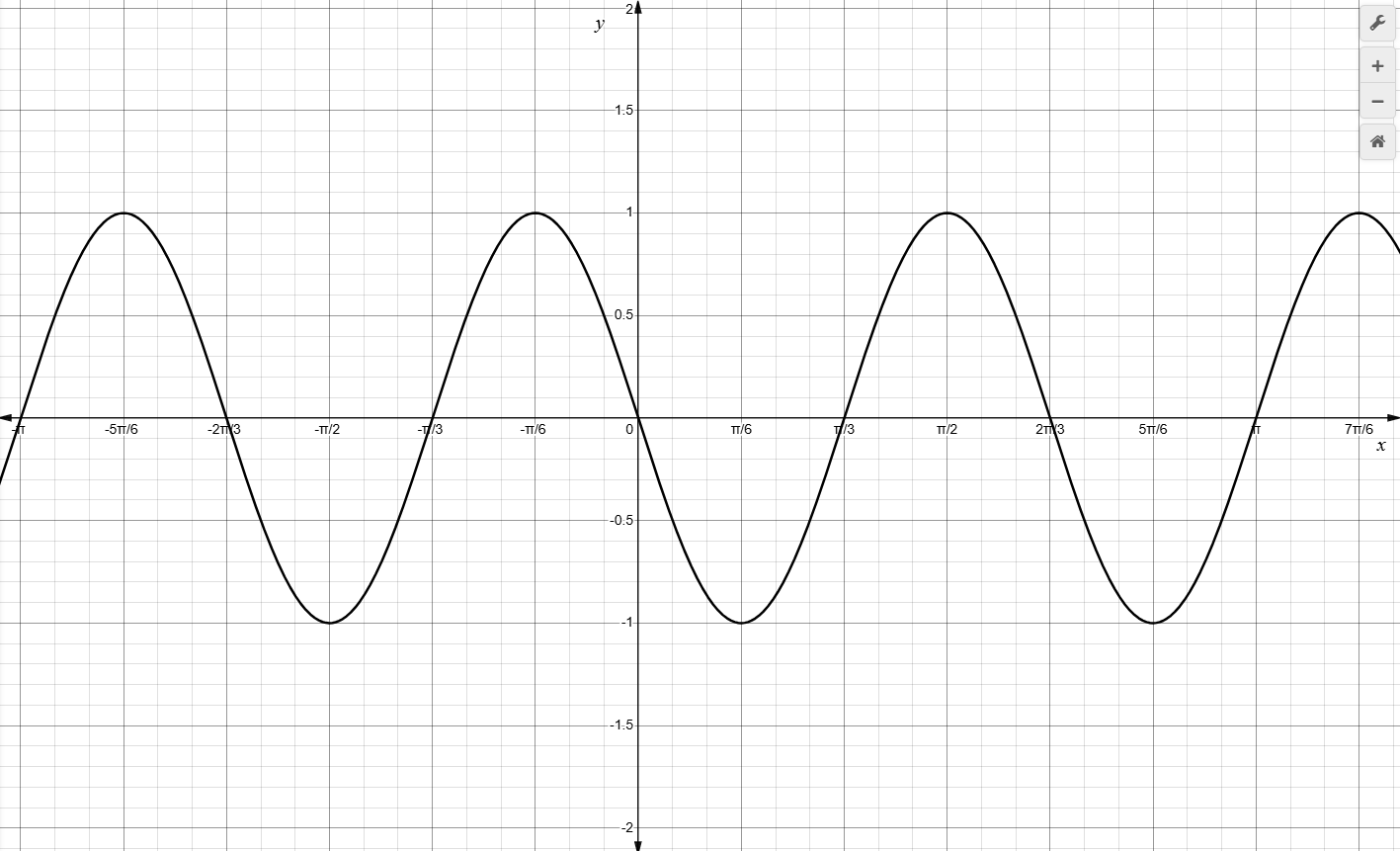
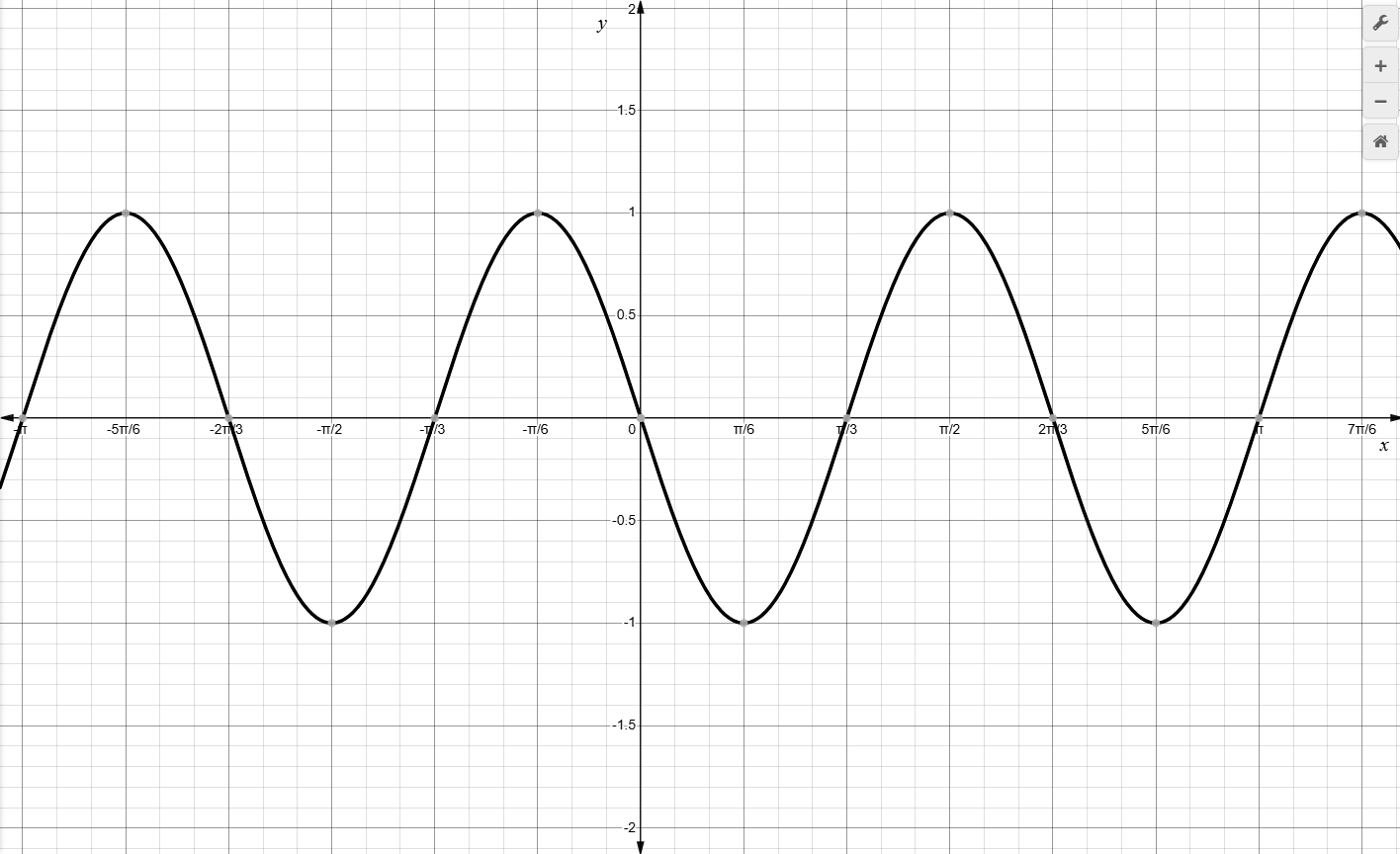
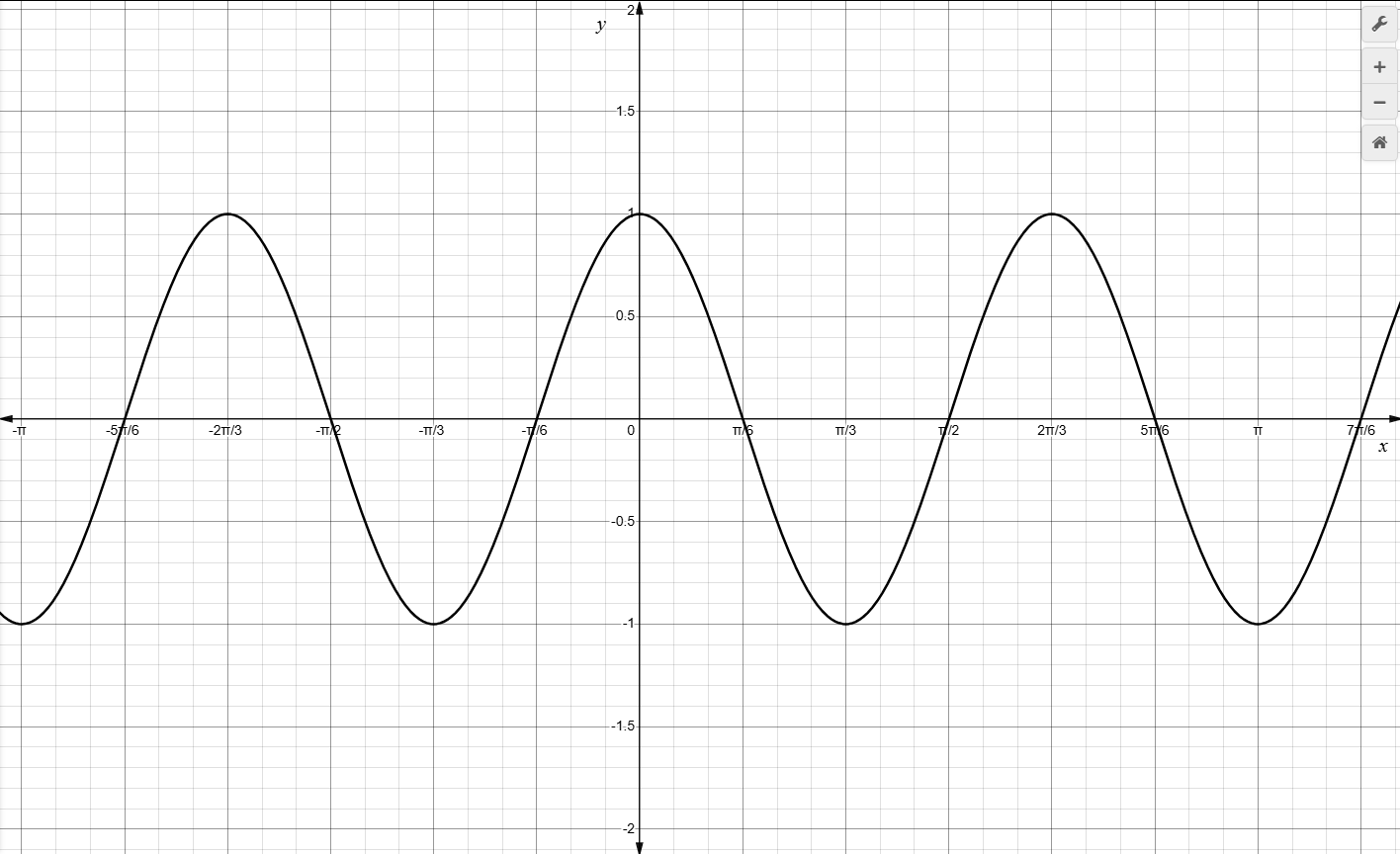
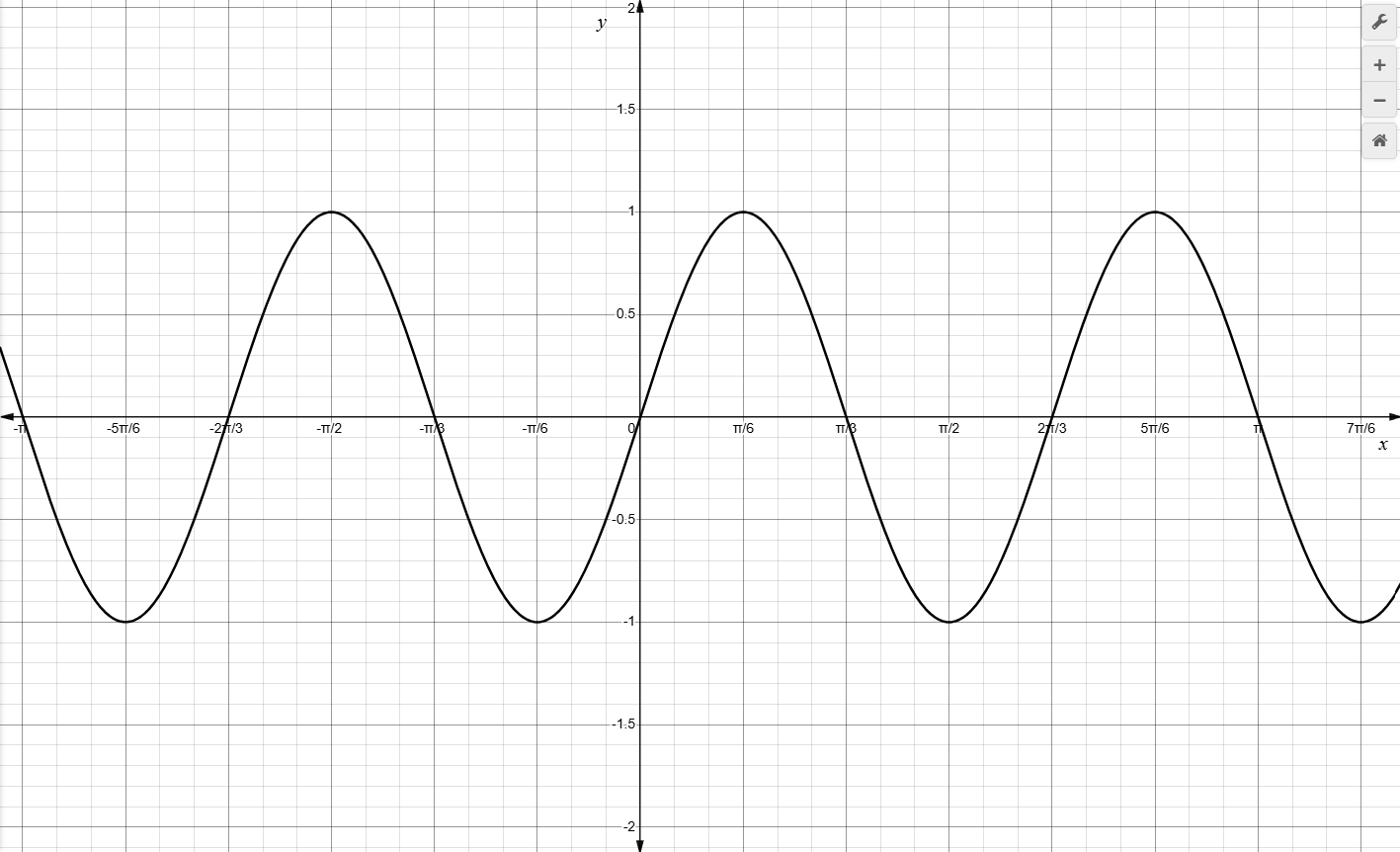
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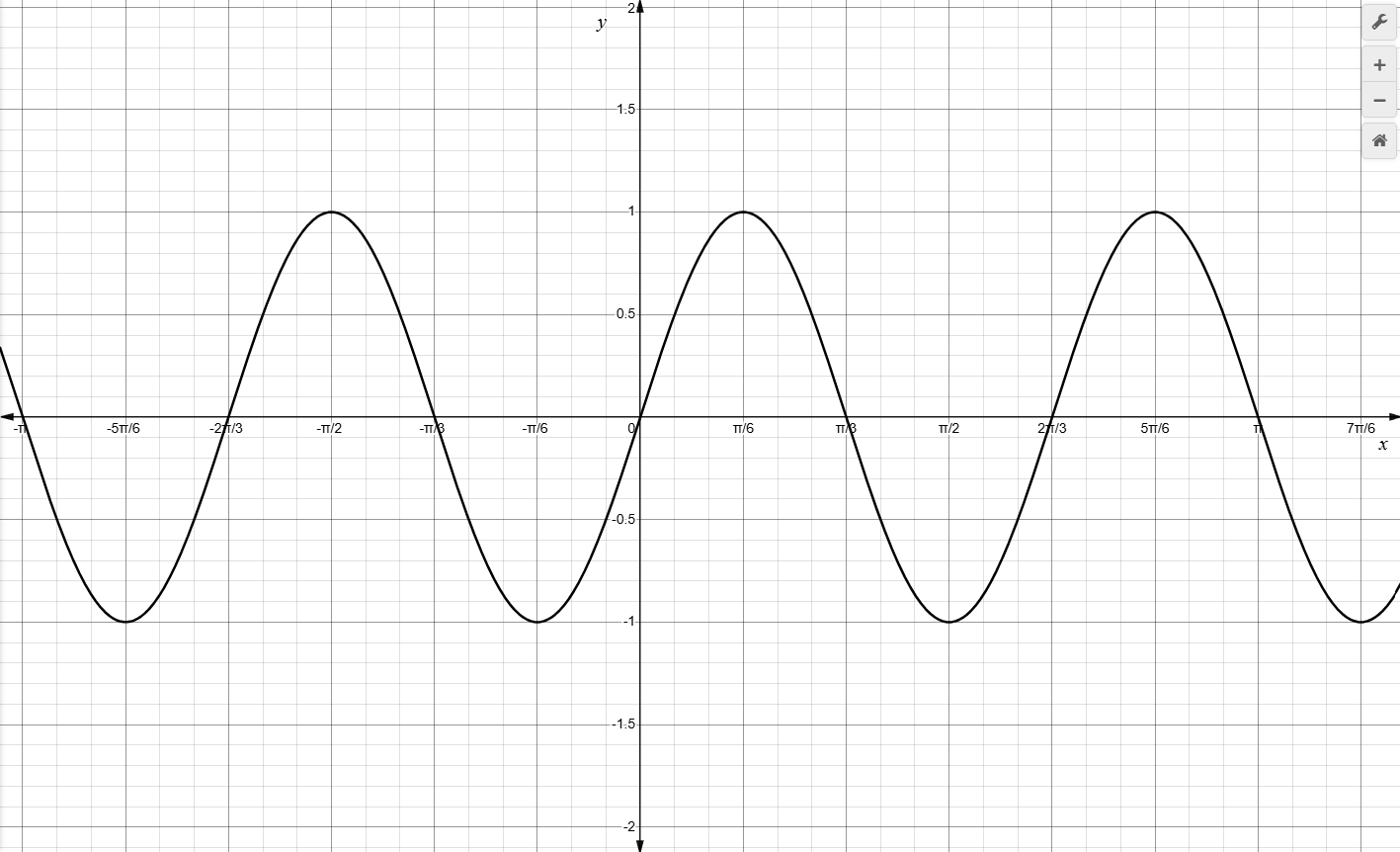
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\*\*Solution: 

1. Using find the y-values in the second row of the table by substituting each x-value into the function. Which of the following is the graph of ?

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|  |  |  | 0 |  |
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\*\*Solution: 

1. Which of the following could be found in a table of values for the function ?

* There is no viable option provided.

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1. Which of the following could be found in a table of values for the function ?

* There is no viable option provided.

\*\*Solution: There is no viable option provided.

1. When the function is reflected across the x-axis, the resulting function is . If the coordinates of the y-intercept of are (0,0), what are the coordinates of the y-intercept of the reflected function ?

\*\*Solution:

1. When the function is reflected across the x-axis, the resulting function is . If the coordinates of the y-intercept of are (0,1), what are the coordinates of the y-intercept of the reflected function ?

\*\*Solution:

1. When the function is reflected across the x-axis, the resulting function is . If the coordinates of the y-intercept of are (0,0), what are the coordinates of the y-intercept of the reflected function ?

\*\*Solution: