6 *y*

$y=\sin(x)$

−700   100   700

x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

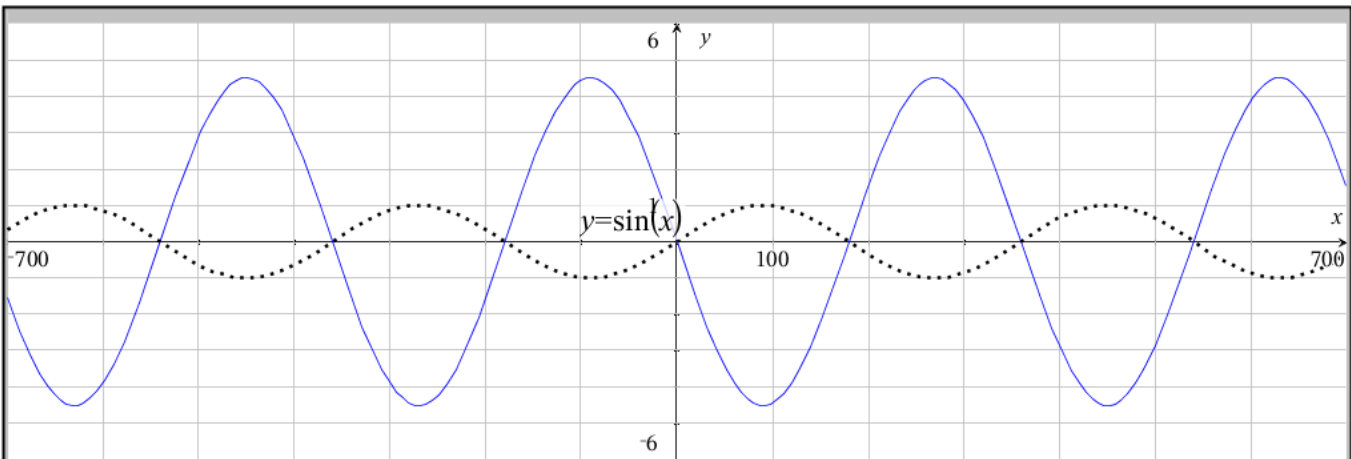Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

⟨ ⟩

-5.

6 *y*

$y=\sin(x)$

−700   100   700

x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

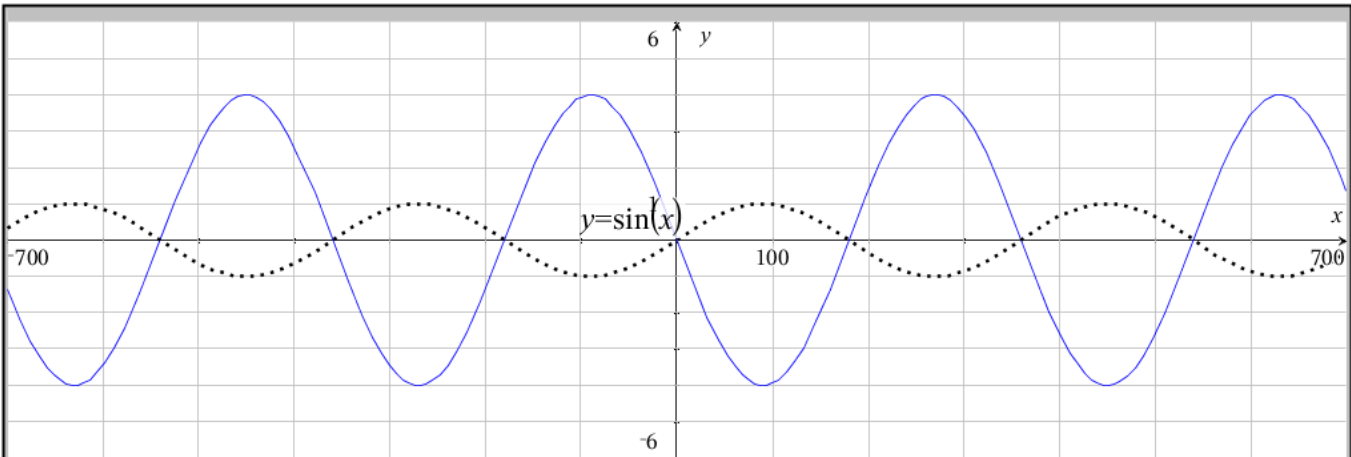Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

⟨ ⟩

-4.5

6 *y*

y=sin(*x*)

-700   100   700

-6

x

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive
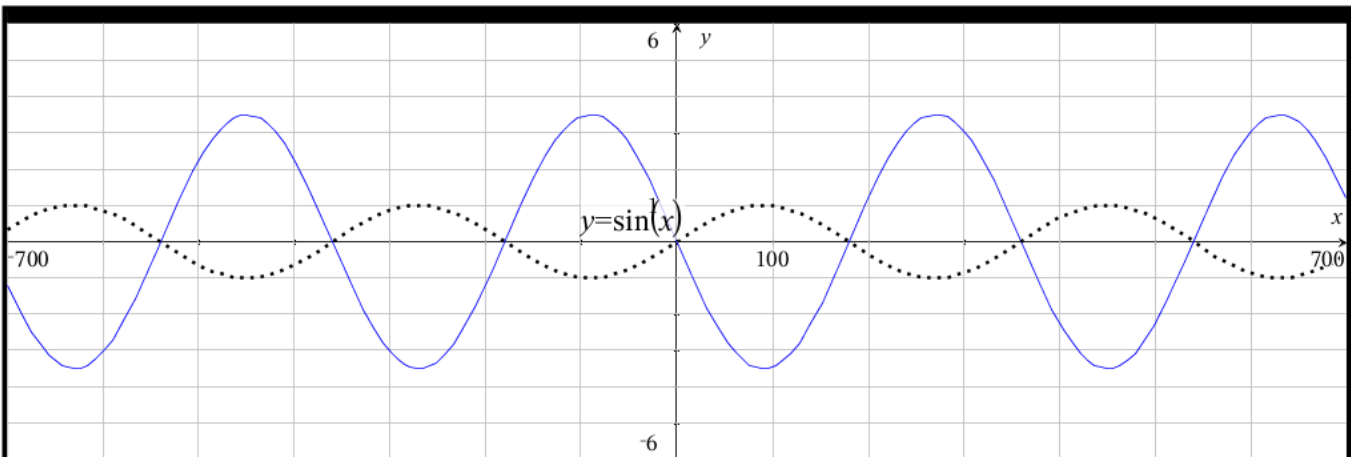
Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

⟨ ⟩

-4.

6 *y*

y=sin(*x*)

-700   100   700

-6

x

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

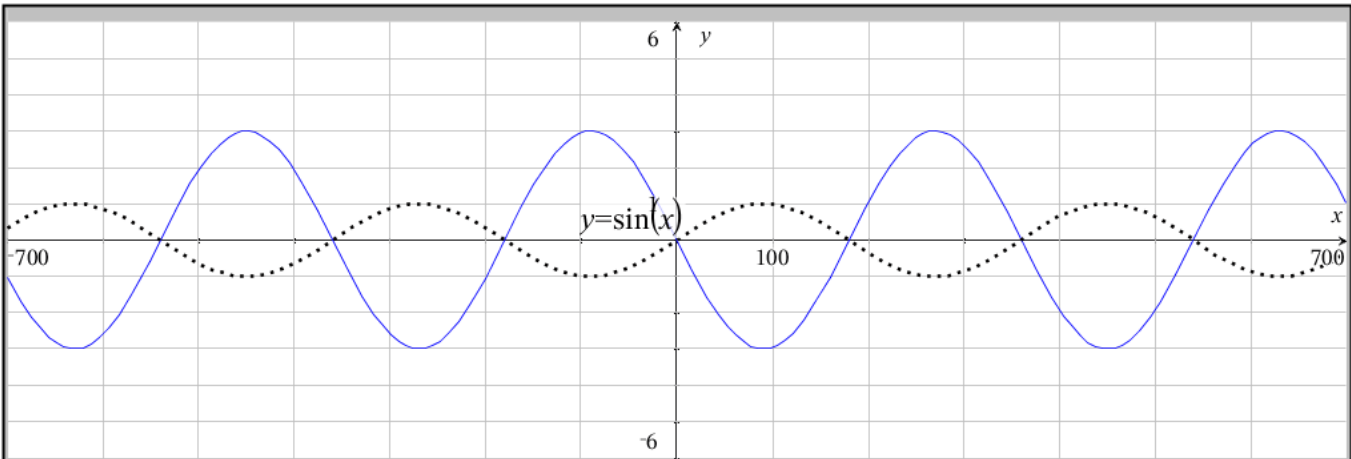Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

⟨ ⟩

-3.5

6 y

−700   100   700
y=sin(x)   x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

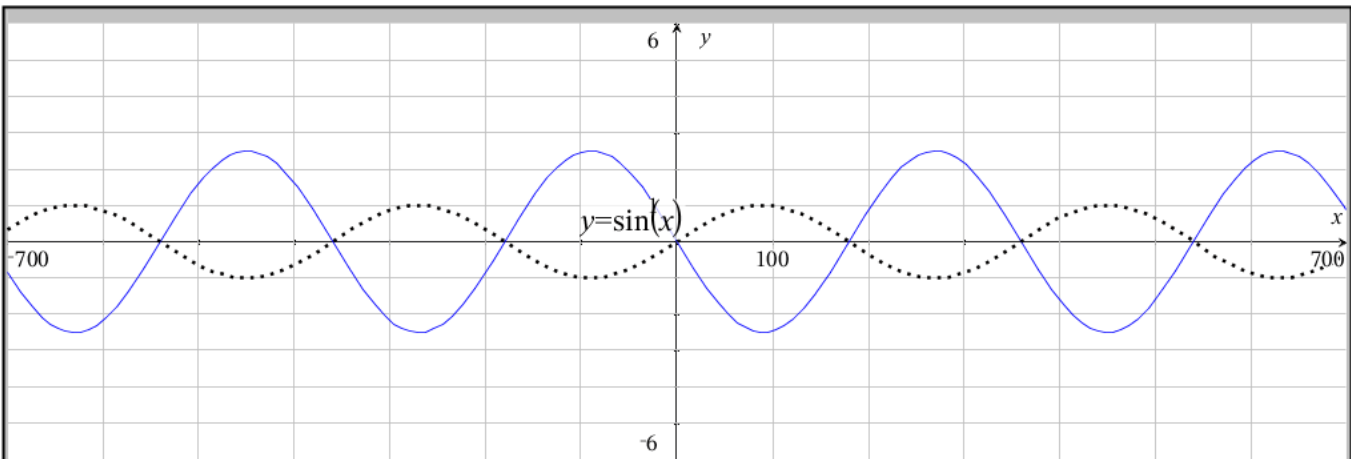Explain the impact of the changing value being negative

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⟨ ⟩

-3.

6 y

−700   100   700
y=sin(x)   x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

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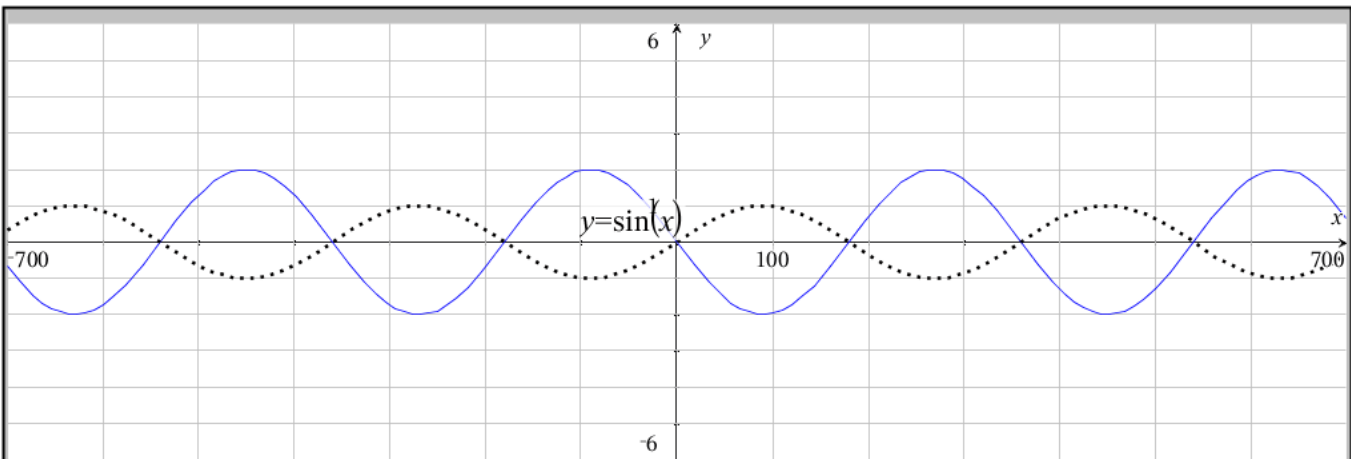Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

⟨ ⟩

-2.5

Panel 1

y = sin(x)

6 (y-axis top), -6 (y-axis bottom)

-700, 100, 700 (x-axis labels)

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive
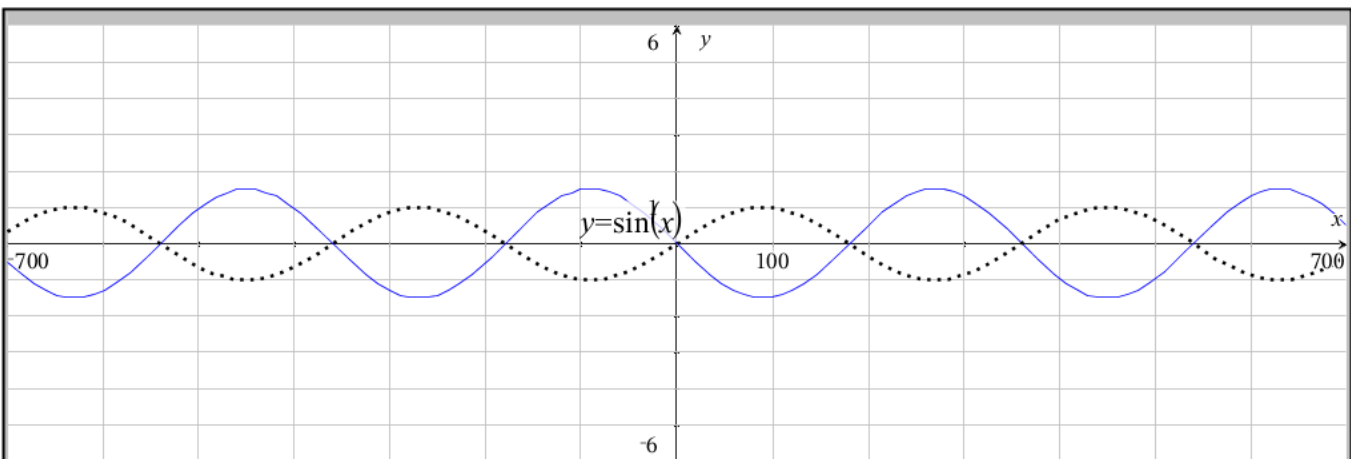
Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

-2.

Panel 2

y = sin(x)

6 (y-axis top), -6 (y-axis bottom)

-700, 100, 700 (x-axis labels)

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

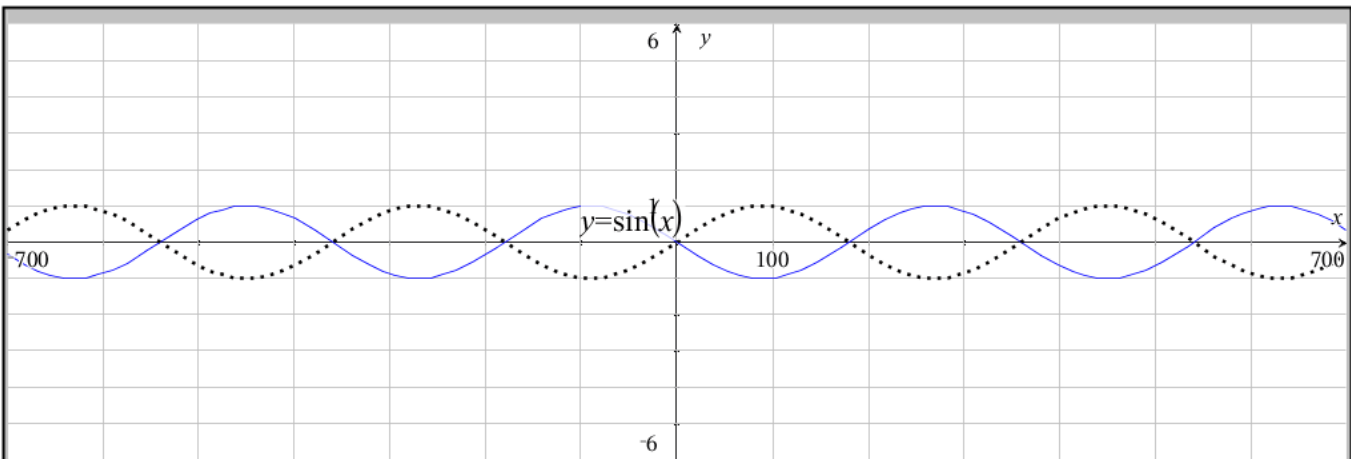Explain the impact of the changing value being negative

Explain the impact of the changing value being between −1 and 1

Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

-1.5

6 y

−700   y=sin(x)   100   700   x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

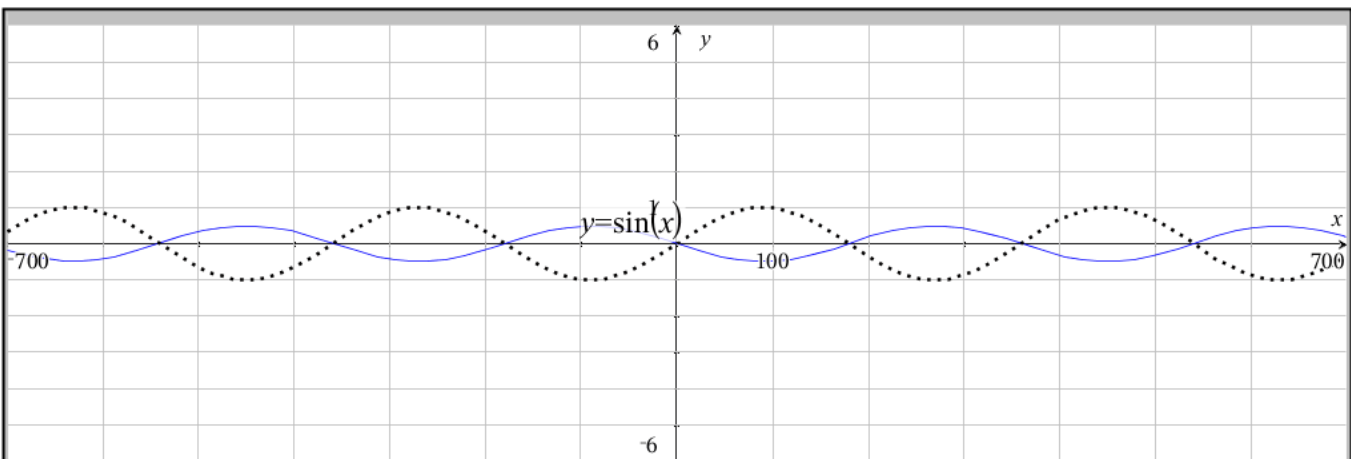Explain the impact of the changing value being negative

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Explain the impact of the changing value being 1 or −1

Explain the impact of the changing value being > 1 or < −1

< >

-1.

6 y

−700   y=sin(x)   −100   700   x

−6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

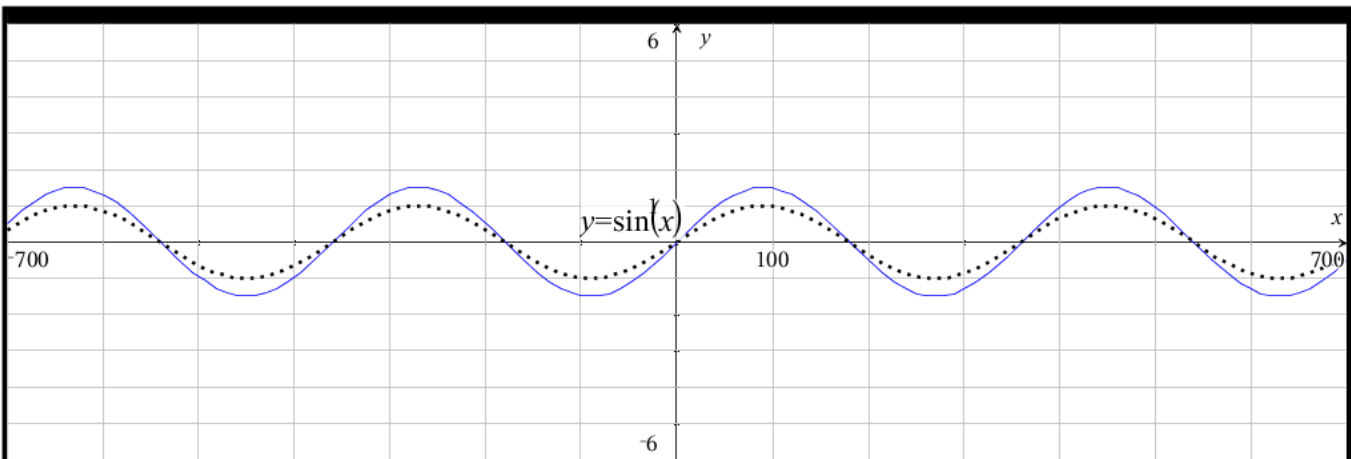Explain the impact of the changing value being negative

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< >

-0.5

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive
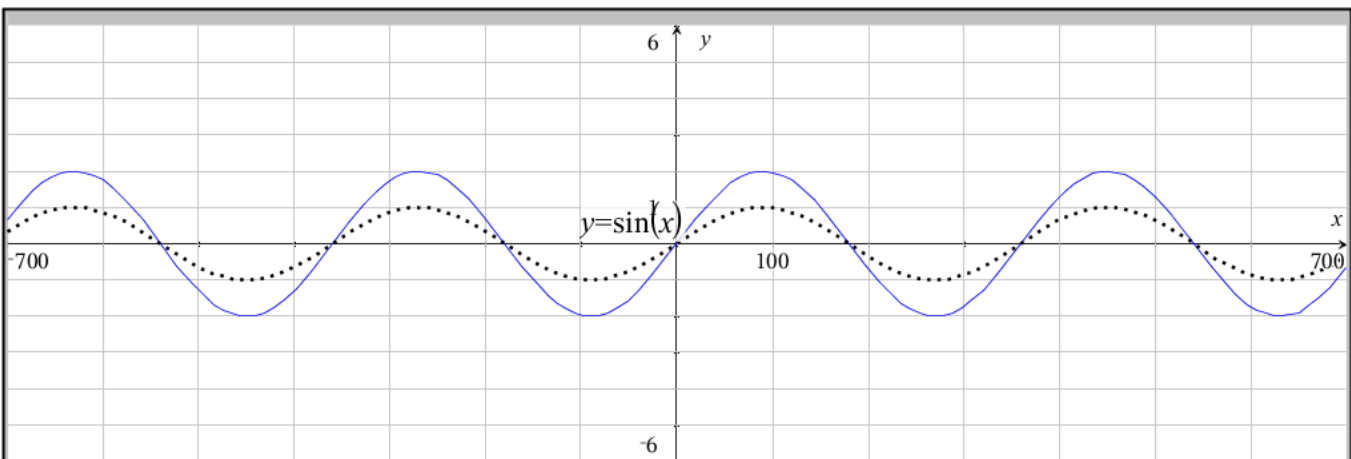
Explain the impact of the changing value being negative

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< >

1.5

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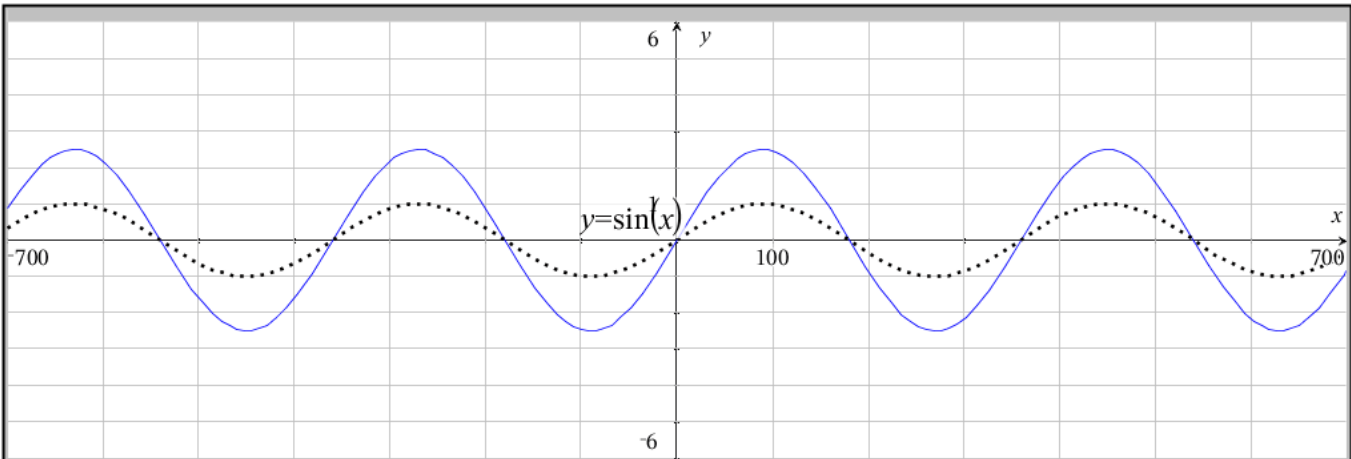Explain the impact of the changing value being negative

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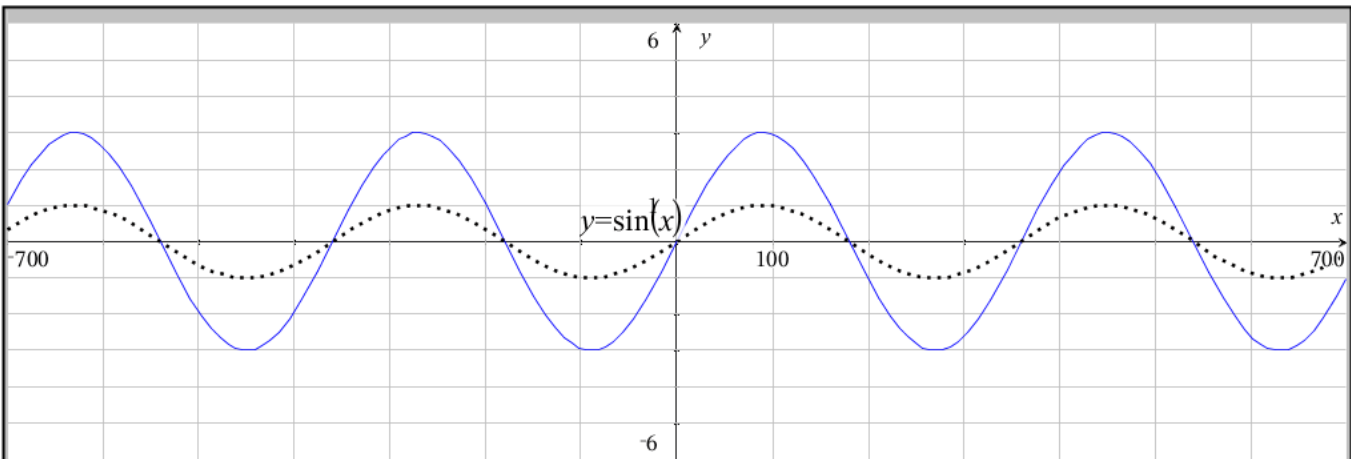Explain the impact of the changing value being negative

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2.5

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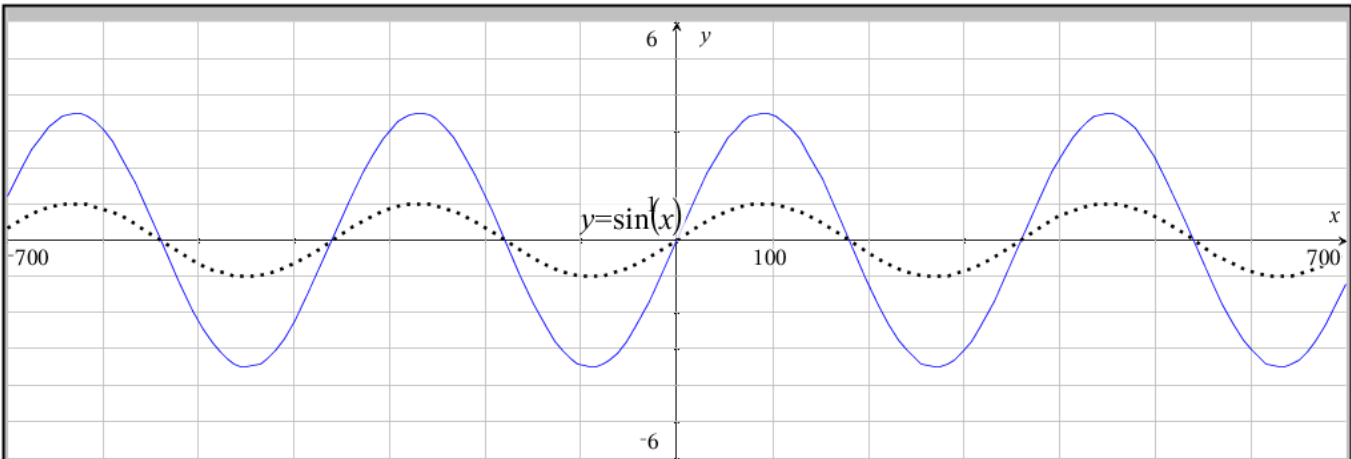Explain the impact of the changing value being negative

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What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

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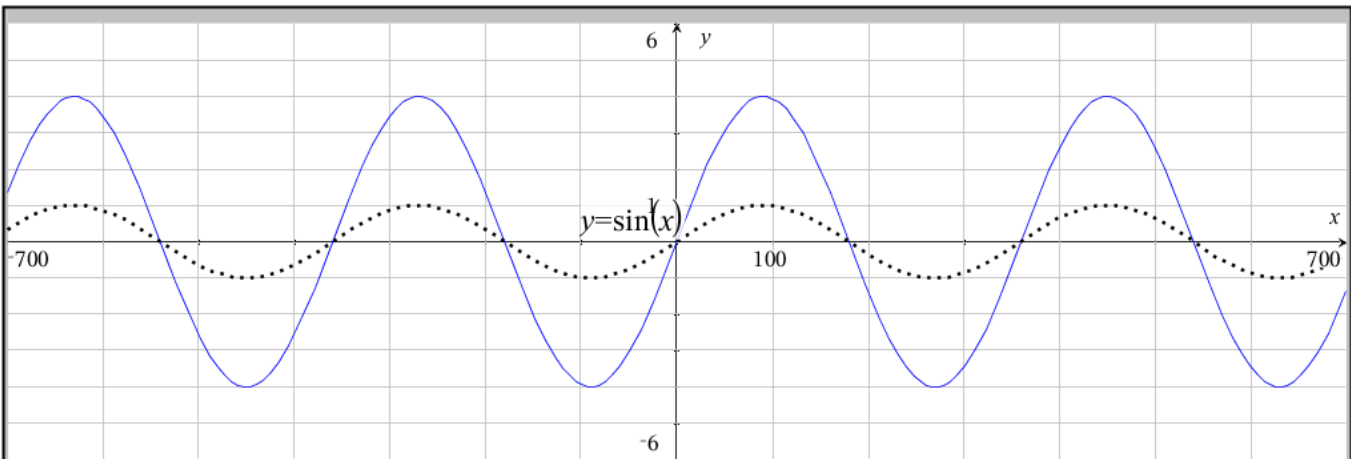Explain the impact of the changing value being negative

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< >

3.5

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

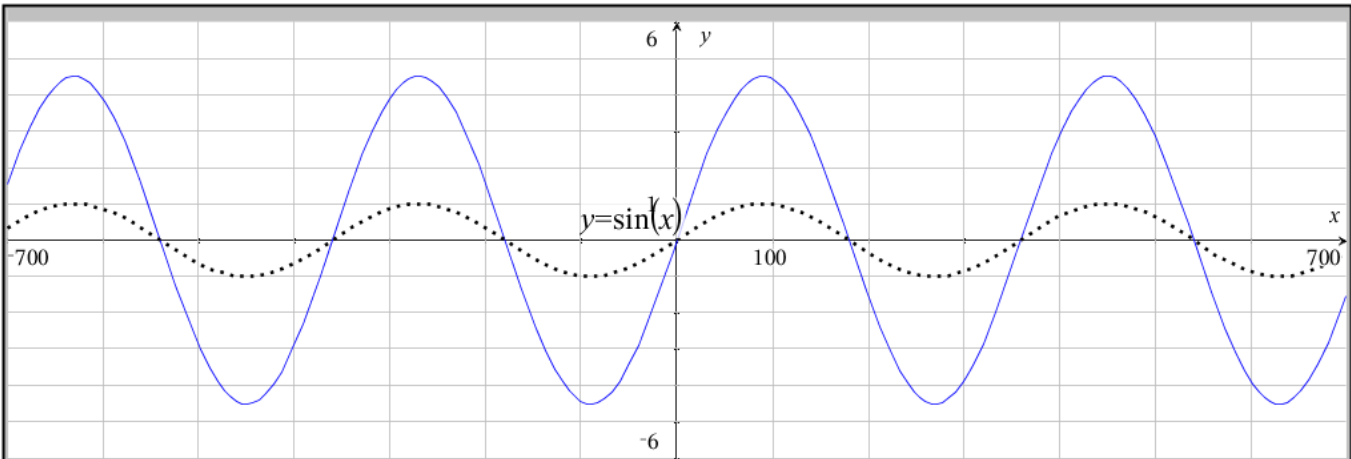Explain the impact of the changing value being negative

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Explain the impact of the changing value being 1 or −1

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< >

4.

6 y

-700   100   x 700

y=sin(x)

-6

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

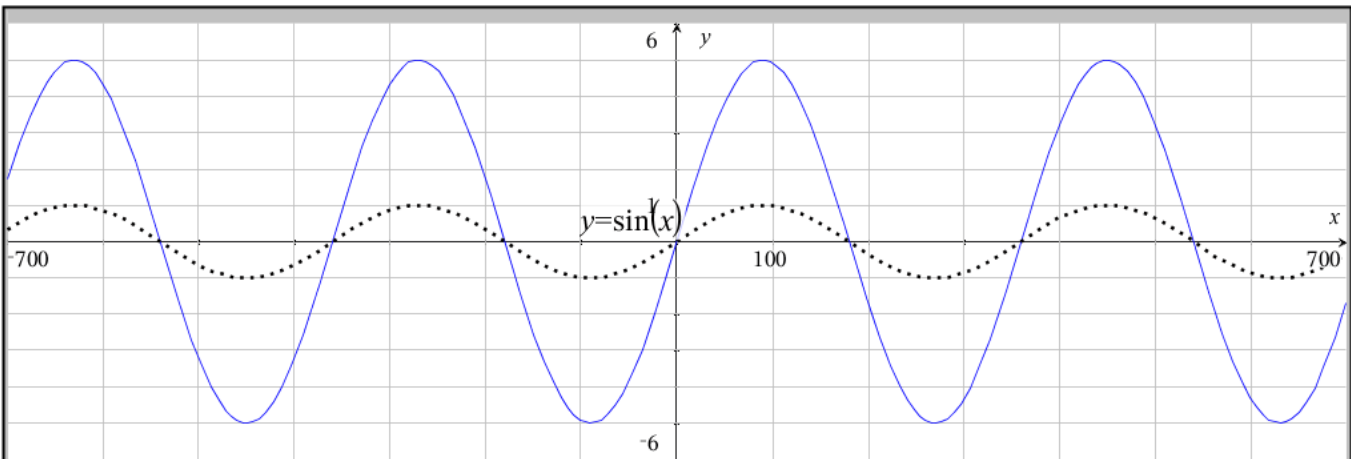Explain the impact of the changing value being negative

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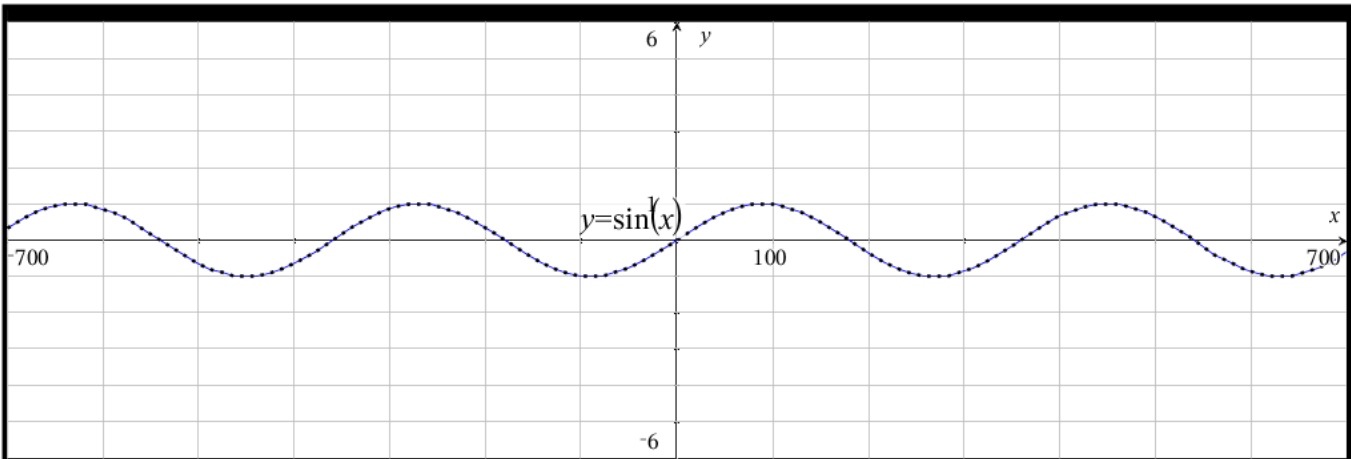Explain the impact of the changing value being negative

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5.

$$y = \sin(x)$$

What is changing in this blue sine model?

Which of the following is changing? {a, b, c, d}

Explain the impact of the changing value being positive

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Explain the impact of the changing value being between −1 and 1

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1.