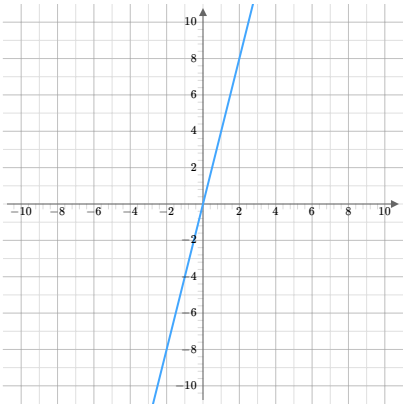
Symmetry Understanding
Answer key

1. What symmetry does the function have?



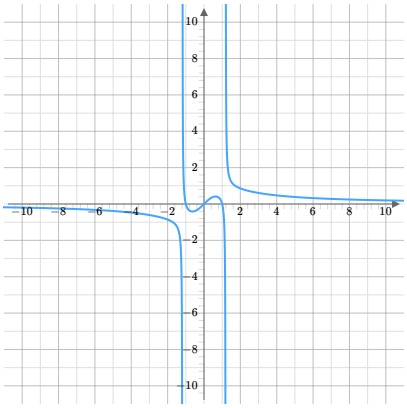
- ○ x-axis
- ○ y-axis
- ● origin
- ○ none

2. What symmetry does the function have?

$f(x) = -x^4 + 5x^2 - 3$

- ○ x-axis
- ● y-axis
- ○ origin
- ○ none

3. What symmetry does the function have?



- ○ x-axis
- ○ y-axis
- ● origin
- ○ none

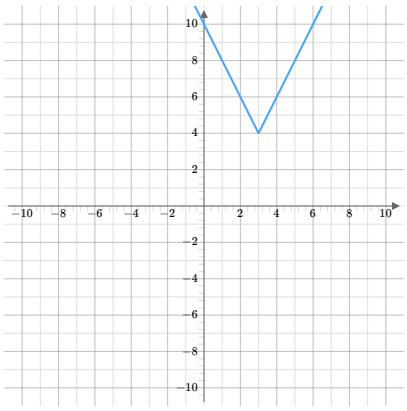
4. What symmetry does the function have?

$f(x) = \frac{3x^2-4}{x^4+4}$

- ○ x-axis
- ● y-axis
- ○ origin
- ○ none

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5. What symmetry does the function have?



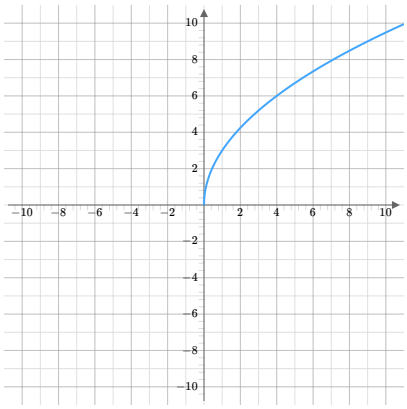
- ○ x-axis
- ○ y-axis
- ○ origin
- ● none

6. What symmetry does the function have?

$f(x) = 2|x| + 2$

- ○ x-axis
- ● y-axis
- ○ origin
- ○ none

7. What symmetry does the function have?



- ○ x-axis
- ○ y-axis
- ○ origin
- ● none

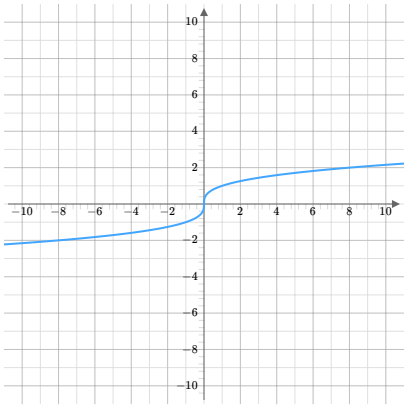
8. What symmetry does the function have?

$f(x) = -3x^{\frac{1}{2}} - 3$

- ○ x-axis
- ○ y-axis
- ○ origin
- ● none

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9. What symmetry does the function have?



- ○ x-axis
- ○ y-axis
- ● origin
- ○ none

10. What symmetry does the function have?

$$f(x) = x^2 + 3x + 5$$

- ○ x-axis
- ○ y-axis
- ○ origin
- ● none

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