

10.1

- 1. $f(x) = \sin(x)$
- 2. $f(x) = \cos(x)$
- 3. $f(x) = \tan(x)$
- 4. $f(x) = \cot(x)$
- 5. $f(x) = \sec(x)$
- 6. $f(x) = \csc(x)$
- 7. $f(x) = \sin^2(x)$
- 8. $f(x) = \cos^2(x)$
- 9. $f(x) = \tan^2(x)$
- 10. $f(x) = \cot^2(x)$
- 11. $f(x) = \sec^2(x)$
- 12. $f(x) = \csc^2(x)$
- 13. $f(x) = \sin(2x)$
- 14. $f(x) = \cos(2x)$
- 15. $f(x) = \tan(2x)$
- 16. $f(x) = \cot(2x)$
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- 18. $f(x) = \csc(2x)$

10.2

- 1. $f(x) = \sin(x)$
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ch 10.1.1

1. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$. f is a function from \mathbb{R} to \mathbb{R} . f is a function from \mathbb{R} to \mathbb{R} .

ch 10.1.2

1. $f: \mathbb{R} \rightarrow \mathbb{R}$

2. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$.

3. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$.

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ch 10.1.3

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ch 10.1.4

1. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$. f is a function from \mathbb{R} to \mathbb{R} . f is a function from \mathbb{R} to \mathbb{R} . f is a function from \mathbb{R} to \mathbb{R} .

ch 10.1.5

1. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$.

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3. $f: \mathbb{R} \rightarrow \mathbb{R}$ is a function, $f(x) = x^2 + 2x + 1$.

