

Testing Snippets

Just checking ptx coding

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September 11, 2021

Preface

This is a sample of many of the things you can do with PreTeXt. Sometimes the math makes sense, sometimes it seems to be written in the first person, sort of like this Abstract.

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Chapter 1

Scratch chapter

1.1 Scratch section

Exercises

Exercise Group. For Problems 31–34,

- (a) Evaluate each function for the given values.
- (b) Graph the function.

31. $Q(x) = 4x^{5/2}$

x	16	$\frac{1}{4}$	3	100
$Q(x)$				

32. $T(w) = -3w^{2/3}$

w	27	$\frac{1}{8}$	20	1000
$T(w)$				

33. $f(x) = x^{0.3}$

x	0	1	5	10	20	50	70	100
$f(x)$								

34. $g(x) = -x^{-0.7}$

x	0.1	0.2	0.5	1	2	5	8	10
$g(x)$								

Appendix A

Answers to Selected Exercises

1 · Scratch chapter

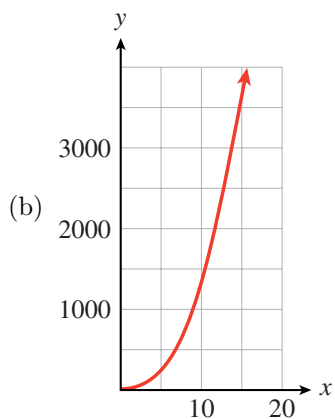
1.1 · Scratch section

· Exercises

1.1.31.

(a)

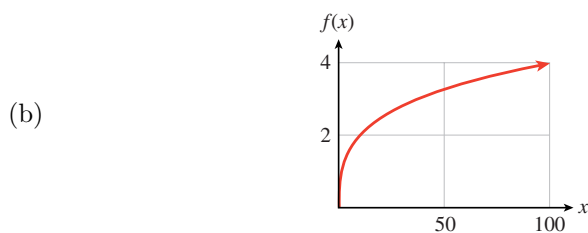
x	16	$\frac{1}{4}$	3	100
$Q(x)$	4096	$\frac{1}{8}$	$4\sqrt{3^5} \approx 62.35$	400,000



1.1.33.

(a)

x	0	1	5	10	20	50	70	100
$f(x)$	0	1	1.62	2.00	2.46	3.23	3.58	3.98



Appendix B

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