

## Math 4-5 Changes Summer 2025

Note that the numbers below refer to the August 2025 edition, unless followed by a ('24) in which case they refer to the August 2024 edition.

452	corrected answer
461	unitalicized “not”
463	fixed the degree symbol in the answer
525	added “Note the different units.” in opening paragraph, unitalicized several words
528	unitalicized several words
580	edited answer, added absolute value symbol around the $x$
609	edited answer
613	changed $z$ to $x$ in the answer
618	edited answer
620	edited answer
623	edited answer of part c)
626	edited answer
629	edited answer
644	edited answer
647	edited answer
651	edited answer, changed $=$ to $\approx$
656	edited answer
658	edited answer
663	edited answer
690	edited answer
691	edited answer of parts a) and c)
692	corrected answer
698	changed to $k \rightarrow \frac{1}{2}\pi^-$ , edited answer
705	add “Explain.”, edited answer
719	unitalicized “circular paraboloid”
720	unitalicized “parabola”
725	edited answer
726	changed $\pm$ to $\mp$ for $y$ -coordinate in the answer
727	unitalicized “is”
733	edited answer of part a)
758	edited answer
784	deleted “ <i>i.e.</i> find an antiderivative” in parentheses, unitalicized “doubly”
804	unitalicized “on” and “average length”, edited answer
811	edited answer/commentary for part c)
816	changed to “an antiderivative”
858	unitalicized the second sentence, added a $+$ before the dots
860	unitalicized “changing variables”
865	unitalicized “sum”
873	edited answer
875	edited answer part b) “less than”
881	unitalicized “any” and “third degree”, edited answer part a)
884	fixed the first dots, removed “an addition problem” after “a geometric series is”

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885	changed to “sums”
889	changed from $g(x)$ to $g$ in the last sentence, deleted $g(x) =$ in the answer
896	edited spacing and dots in the problem, edited answer
900	minor wording and spacing changes; edited dots in the answer
905	edited answer part b)
906	changed to “Gap Theorem” in the answer
909	edited answer
919	formatted $n^{\text{th}}$ correctly
921	edited answer
929	edited answer
931	added answer part c)
939	added a sentence “Recall, the time required to fall . . .”
942	edited dots in the answer
964	edited answer/commentary
979	edited answer, edited inequalities in the commentary
p.140	fixed spelling (“analagous”) in continuity definition
p.141	changed to $(r \operatorname{cis} \alpha)^n = r^n \operatorname{cis}(n\alpha)$