

## Math 4-5 Changes Summer 2022

Note that the numbers below refer to the 2022–2023 edition, unless followed by a (‘21) in which case they refer to the 2021–2022 edition.

5	changed “-degrees” to degree symbol “ $\circ$ ”
7	adjusted formatting
10	<b>new problem</b>
15	moved here from Math 3–4 #306 (‘21)
25	moved earlier from #99(‘21)
27	more details added to the commentary
35	linked a video to the commentary
43	reworded to simplify directions
52	reworded and suggested web diagrams
55	reworded to add “Cartesian coordiantes” and hint about accuracy
100	deleted the last sentence since #10, #15, and #25 are now earlier
116	reformatted for space
117	reworded, and extended into a second continuation
118	<b>new problem</b> , an extension of #117
120	moved from #212(‘21), to precede #137
127	<b>new problem</b> , added to illustrate hole and vertical asymptote
135	slight rewording in last sentence
136	reworded to name the function
137	rewritten to encourage graphing by hand, linked videos to commentary
138	<b>new problem</b> , a continuation of #137
150	reworded to use language similar to #136
151	reworded to use language similar to #137
160	reworded to use domain and function
168	added circular argument to the commentary
178	in commentary, changed complex fractions to complicated fractions
223	reformatted for space
236	removed reference to domains
291	linked a video to the commentary
372	rearranged order of the parts
448	slight rewording
458	fixed answer key typo
460	added non-constant function
512	reworded to request a Riemann sum
561	linked a video to the commentary
589	reworded to request approximation in (a)
597	added specificity to the sketch
604	fixed answer key typo, $t$ instead of $y$
662	fixed misspelling of integrals
953	changed “arbitrarily small” to “arbitrarily close to zero”
p.138	added to the definition of asymptote
p.139	added <i>complex number</i> to the reference section

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p.139	added <i>complex-number plane</i> to the reference section
p.144	added <i>hole</i> to the reference section
p.144	added <i>horizontal asymptote</i> to the reference section
p.145	added <i>imaginary axis</i> to the reference section
p.145	added <i>imaginary number</i> to the reference section
p.145	added <i>imaginary unit</i> to the reference section
p.152	added <i>pure imaginary</i> to the reference section
p.152	added <i>real axis</i> to the reference section
p.155	added <i>Squeeze/Sandwich Theorem</i> to reference section
p.156	added <i>vertical asymptote</i> to the reference section