

Math 4-5 Changes Summer 2021

Note that the numbers below refer to the 2021–2022 edition, unless followed by a ('20) in which case they refer to the 2020–2021 edition.

- 48 changed Dilcue, ND to “town of Mirzakhani”
- 62 reworded to add names of female mathematicians
- 69 adjusted equation in part (d) to have non-real zero
- 99 fixed answer, $\theta - 360$
- 163 **new problem**
- 212 reworded to use signum instead of sign
- 246 changed “evaluate” to “approximate”
- 255('20) **deleted** and moved to the supplement
- 256('20) **deleted** and moved to the supplement
- 256 **new problem** with associated graph on p. 167
- 257('20) **deleted** and moved to the supplement
- 267 added “(or *siemens*)”
- 272 reworded slightly (third sentence) and made #274('20) new part (i)
- 274('20) **deleted** and combined with #272
- 282 slight rewording of the first sentence
- 342 added reference to Math 3-4 in commentary
- 363 added -0 to denominator
- 399 replaced “points” with “point(s)”
- 403 specified the smaller value of $\Delta t = 0.01$ in (d)
- 426 reworded to refer to a traffic camera, scaled distances by one tenth
- 446 slight rewording, adjusted commentary
- 451 changed “P” to “R” and added/fixed commentary
- 460 adjust commentary, extreme slopes not a definition of an inflection point
- 462 reworded to remove “unusual” and include “smooth”
- 468 added $y > 0$ to (a)
- 494('20) **deleted** and moved to the supplement
- 495('20) **deleted** and moved to the supplement
- 496 added to commentary about skipping if needed
- 497 added to commentary about skipping if needed
- 498 added to commentary about skipping if needed
- 504 slight rewording, changed answer and commentary
- 506 added to commentary
- 529 replaced “sign” with “signum”
- 548 moved from #600('20), commentary adjusted
- 551 added to the commentary
- 554 reworded, adjusted answer and commentary
- 557 fixed typo in answer
- 589 changed reference in commentary
- 600('20) moved earlier to #548, curvature at point not on x or y axis

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- 636 reworded, adjusted answer and commentary
- 638 slight rewording
- 650 slight rewording
- 653 swapped locations with #654 for spacing
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- 655 reworded, adjusted diagram, answer, and commentary
- 673 added to the commentary
- 789 adjusted wording
- 806 added $h > 1$ to (c)
- 807 moved from #817('20)
- 814 moved e^x to part (a), adjusted answer
- 817('20) moved earlier to #807
- 816 moved e^x to part (a), adjusted answer
- 825('20) moved later to #827
- 827 moved from 825('20)
- 834 shortened problem, moved parts (d) and (e) to #856
- 842 added to commentary
- 843 changed constants to all be a
- 846 added to commentary
- 856 new problem that includes #838('20) parts (d) and (e)
- 860('20) moved to #883
- 869 added to the commentary
- 883 moved from #860('20)
- 966 fixed typo in answer to (b)
- 1024('20) **deleted**
- p. 142 added *Hypatia* to reference
- p. 146 adjust the wording in *mho* reference
- p. 146 added *Mirzakhani* to reference
- p. 147 added *Pandrosion* to the reference
- p. 151 added *siemens* to the reference section
- p. 151 changed “sign function” to “signum function,” adjusted wording
- p. 151 added *smooth* to the reference section
- p. 166 added page for graphs to go with #256