

Math 3 Changes Summer 2021

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

- 4 small typo, added an “a”
- 7 added “How might you generalize this?”
- 38 added space in 10000
- 75 changed answer key to include z -component
- 79('20) **deleted**, moved to supplement
- 81 adjusted answer to nearest unit
- 85 changed name in problem and added *Kamāl* to the reference section
- 124 adjusted ratio in commentary to $2^2/3^2$, added more for clarity
- 125 italicized s and c in table
- 130 changed diameter of wheel, adjusted answer and commentary
- 131 added *Deathly Hallows* to the commentary and the reference section
- 211 removed parentheses around ratio
- 247 changed name of calculator shop, added *Edith* to reference section
- 248 changed name, see #247
- 317 added to commentary
- 319 reworded, updated answer, and commentary
- 321 updated commentary to add an extension question
- 331 added to commentary
- 334 updated to human population as of 2021, capitalization
- 349 changed part (b) to *extrapolate*, updated commentary and reference section
- 360 changed commentary to say “drawing below”
- 361 changed to 24-degrees per min, more realistic, updated commentary
- 376 adjusted commentary references
- 379 was #889('20), moved earlier, adjusted commentary
- 394 rephrased start to question, adjusted answer
- 400 added name of town, added *Elbert* to the reference section
- 412 adjusted commentary references
- 421 added “write parametric description of line”, and separated part
- 422 moved part of #421('20) to #422
- 428 adjusted figure to work with new #429
- 429 combined #915('20) with #429, updated commentary
- 433 **new problem**
- 442 labeled the points P and Q respectively
- 448 adjusted to find values in terms of c , updated answer key, commentary, and diagram
- 450 changed answer for third graph, adjusted diagram
- 457('20) **deleted**, was merged with #458
- 458 merged problems #458 and #458('20), reworded
- 472 reworded to match #394, adjusted answer
- 477 changed prison tower to lighthouse and seawall
- 478 changed 2016 to 31415, adjusted answer
- 479 replaced “Diluce, ND” with “town of Mirzakhani”

Math 3 Changes Summer 2021

- 480 specified using a graphing device
- 484 rotated ellipse centered at the origin
- 485 centered rotated ellipse at origin, adjusted answer, shifted version in commentary
- 486 adjusted equation for new points, shifted version is still in commentary
- 521 answer key typo, made the 2 a 3 in radian mode
- 525 changed last sentence to say parametric description
- 532 merged #532 and #533('20)
- 533('20) **deleted**, combined with #532
- 535 moved from #545('20)
- 542 added to commentary, may be skipped in advanced sections
- 546 took area off table, and adjusted part (g)
- 547 suggested in commentary to assign over two nights
- 555('20) moved to #564
- 553 changed prison tower to lighthouse and seawall
- 557('20) **deleted**, moved to supplement
- 562 changed answer key to correct exponential form of first equation
- 564 moved later in book, was #555('20)
- 573 changed wording to ask students to solve algebraically
- 589 fixed commentary references
- 634 added in note that U_{1950} was population of Mexico in 1950
- 643 fixed commentary to references
- 666 removed decimals
- 672 changed percentages
- 673 updated to new percentages, slight wording change
- 674 updated to new percentages, slight wording change
- 699 updated answer key with (a) and (b)
- 700 renumbered parts of problem and answer key
- 731 changed to say area of one square unit
- 735 changed window to 1000
- 737 change to a general sequence
- 744 added “+” to end of series
- 745 added “sketch a graph”
- 746 merged with #750('20) and #751('20)
- 752 added parts to book and answer key
- 755('20) **deleted**, moved to supplement
- 761 added period to problem after equation, added x to answer key
- 762('20) **deleted**, moved to supplement, replaced with #756
- 756 **new problem**
- 777 reworded, added references to triangle by other names
- 778 adjusted decimal to emphasize what is repeated
- 784 removed K.F. and updated commentary to discuss Carl vs Karl
- 810('20) **deleted**, moved to supplement
- 815 merged with the #823('20), changed the points
- 823('20) **deleted**, merged with #815
- 827 switched order with #828

Math 3 Changes Summer 2021

- 828 switched order with #827
- 839('20) **deleted**, moved to supplement
- 831 moved from #860('20)
- 835 adjusted commentary
- 836 added to commentary
- 860 added a note about notation in the commentary
- 852 **new problem**
- 859 changed the sequence
- 872 reworded to emphasize simplifying without a calculator
- 886 broke into parts, added question about two seniors
- 889('20) moved earlier to #379
- 915('20) combined with #429
- p. 105 added *Deathly Hallows* to the reference section to refer to the diagram for #131
- p. 106 added *Edith* to the reference section for Edith Clark
- p. 106 added *Elbert* to the reference section for Elbert Frank Cox
- p. 109 added *Kamāl* to the reference section for Kamāl al-Dīn al-Fārsī
- p. 109 added *Khayyam's Triangle* to the reference section
- p. 112 added *Meru-Prastāra (The Staircase of Mount Meru)* to the reference section
- p. 112 added *Mirzakhani* to the reference section for Maryam Mirzakhani
- p. 112 updated *Pascal's Triangle* in the reference section
- p. 117 added *Tartaglia's Triangle* to the reference section
- p. 118 added *Yang Hui's Triangle* to the reference section