

## Math 1 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.

8	changed telephoned to “were discussing”
114	added equation to problem and updated commentary
115	updated commentary
116	updated commentary
124	removed italics on “depends”
126	updated commentary
129	changed rate to “average rate” and updated commentary
153	added part (c) to address what was deleted in #154(‘21)
154 (‘21)	<b>deleted</b> , ideas incorporated into #114 and #153
169	changed data in problem and adjusted answer and commentary
178	added a date instead of updating the costs, noted this in commentary
180	updated the commentary to suggest they draw a distance versus time graph
217	reworded (b) use revenue and added problem number to revenue in reference
379	added a note about the abbreviations for inches and feet
424	updated problem to include actual person and record
502	reworded (d) and (e), added 2020 census info to commentary
525	reworded, italicized cord and added this problem to the reference definition
540	new directions include zero-product property, updated answers and commentary
558	changed names, updated commentary
581	moved earlier from #646(‘21), zero-product property closer to start of Math 130
612	removed approximation, adjusted answers, switched with #613 for spacing
613	switched with #614 for spacing
614	reworded opening sentence for spacing
615	reworded to require sketching by hand, commentary updated, (d) more challenging
645	<b>new problem</b>
648	adjusted commentary
659	new combined version of #841(‘21) and #842(‘21)
664	fixed answer formatting in (b)
669	added <i>standard form of a quadratic</i> to problem statement
671(‘21)	<b>deleted</b> , move to supplement
674	moved from #772(‘21)
677	added sketch by hand and adjusted and added missing answers
686	reworded part (c), changed data in (d)
689	moved from #865(‘21)
690	added <i>vertex form</i> to the problem statement
697	<b>new problem</b>
700	added that laser is located at the origin
706	<b>new problem</b>
707	moved from #858(‘21), added “By hand”
714	changed to encourage a discussion of “factorable,” moved from #710(‘21)

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715	moved from #714('21) for spacing
716	<b>new problem</b>
723	moved from #709('21) for spacing
730	slight rewording to problem and commentary so that zero is not neglected
740	<b>new problem</b>
741	<b>new problem</b>
742	reworded part (b) to ask for complex number solutions
743	adjust image position
749('21)	<b>deleted</b> moved to supplement
755	reworded to include $x$ -intercept and function instead of solution and equation
756	<b>new problem</b> introducing the discriminant and it's consequences
758	adjusted text to fit image spacing
759	<b>new problem</b>
766	<b>new problem</b>
770	<b>new problem</b>
772('21)	moved to #674
783	<b>new problem</b>
784	<b>new problem</b>
792('21)	<b>deleted</b> , moved to supplement
801	adjusted answer
805('21)	<b>deleted</b> , move to supplement
806('21)	<b>deleted</b> , move to supplement
816('21)	<b>deleted</b> , move to supplement
839('21)	<b>deleted</b> , move to supplement
840('21)	<b>deleted</b> , move to supplement
840	adjusted numbering in answer key
841('21)	combined with #842('21) and moved to #659
842('21)	<b>deleted</b> , combined idea with #841('21) and moved to #659
849	<b>new problem</b>
852	simplified answer key, added to commentary for (c)
853('21)	<b>deleted</b> , moved to supplement
858('21)	moved to #707
862	<b>new problem</b>
863('21)	<b>deleted</b> , move to supplement
863	<b>new problem</b>
865('21)	moved to #689
866('21)	<b>deleted</b> , moved to supplement
867('21)	<b>deleted</b> , moved to supplement
p.102	added <i>discriminant</i> to reference section
p.106	added <i>perfect square trinomial</i> to reference section
p.107	added reference to discriminant to <i>quadratic formula</i> definition
p.108	added problem reference to <i>standard form of a quadratic</i> in reference section
p.109	added to the definition of <i>trinomial</i> in reference section
p.109	added problem reference to <i>vertex form of a quadratic</i> in reference section