

## Math 3 Changes Summer 2023

Note that the numbers below refer to the 2023–2024 edition, unless followed by a ('22) in which case they refer to the 2022–2023 edition.

To the Student	updated
10	since #15 is added, we removed $50 \times 50 \times 1$ and $100 \times 100 \times 1$
15	<b>new problem</b> , geometric proof of sum of squares
237	moved earlier to be closer to other matrix work, from #423('22)
238	moved earlier to be closer to other matrix work, from #424('22)
525	slight rewording of problem and significant rewrite of the commentary
531	added to the commentary
615	added an ellipse to the diagram
728	fixed typo in commentary, $M^2$ not $v^2$
792	added reference in the commentary to #809
804	added to the commentary to connect to #803
341-1	fixed references in commentary
363-1	adjusted commentary to suggest models
834-2	adjusted commentary to remove reference to TI-89

The following problems were moved to a Math 3 Appendix. This Appendix was created in 2023 as a place for problems that have been skipped in recent years due to limited class and homework time for our students. The numbering system indicates where they came from in our book, for example, 122-1 and 122-2 are problems that directly followed problem 122.

11-1	231-1	326-1	406-2	561-1	612-1	728-1	783-2	812-3	838-1
27-1	288-1	341-1	412-1	574-1	620-1	736-1	788-1	816-1	838-2
31-1	310-1	351-1	450-1	591-1	630-1	744-1	795-1	816-2	838-3
122-1	316-1	363-1	477-1	591-2	635-1	745-1	796-1	819-1	838-4
122-2	319-1	391-1	477-2	609-1	656-1	745-2	803-1	831-1	838-5
168-1	320-1	395-1	477-3	609-2	680-1	775-1	812-1	834-1	838-6
191-1	320-2	406-1	502-1	609-3	680-2	783-1	812-2	834-2	838-7