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## 1 | The Assignment

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- ☐ Tell us why you decided to sign up for this class.
- ☐ Read 1.A from the textbook. We will discuss any questions on Monday!

Which of the number systems we discussed are groups under addition? Under multiplication?

Is there a multiplication for 3 by 1 vectors that satisfies all group requirements?

Is there an identity for multiplication on 2 by 2 matrices?