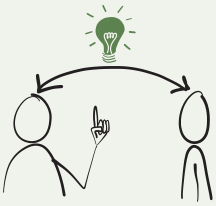

Author Notes

This is a great task for almost any grade level. The context of tables and guests is one that every student can access. At the same time, it offers a very high ceiling with exploration of the types of numbers (composite, square, prime) and the effect that this has on the number of options. If you are moving toward having students notice the relationship between the number of options and the type of number, we recommend introducing the bank (see Task 8, The Carnival Conundrum) as a way for students to track their data.

Notes to My Future Forgetful Self

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