

## 7.RP Gym Membership Plans

### Task

In January, Georgia signed up for a membership at Anytime Fitness. The plan she chose cost \$95 in start-up fees and then \$20 per month starting in February. Edwin also signed up at Anytime Fitness in January. His plan cost \$35 per month starting in February, and his start-up fees were waived.

- Create tables for both Georgia and Edwin that compare the number of months since January to the total cost of their gym memberships. Continue this table for one year.
- Plot the points from the two tables in part (a) on a coordinate plane.
- Decide if either or both gym memberships are described by a proportional relationship, and write an equation representing any such relationship. Explain how parts (a) and (b) could be used to support your answer.



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