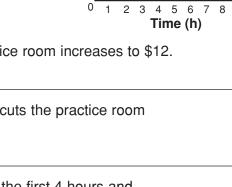


musical instruments. Use of a practice room costs \$10 for the first 2 hours and \$4 for each additional hour. An electric guitar rents for \$15 for the first 2 hours and \$3 for each additional hour.

6. Sketch a graph of two functions, one for the cost of renting a practice room and another for the cost of renting an electric guitar.

## Identify the transformation of the original graphs represented by the following changes.

- 7. The charge for the first 2 hours' rental of a practice room increases to \$12.
- 8. As a special promotion, Tucci's House of Music cuts the practice room charges by 50% for first-time users.
- 9. The cost of renting a guitar increases to \$30 for the first 4 hours and \$6 for each additional hour.



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Rental Fees (\$)

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