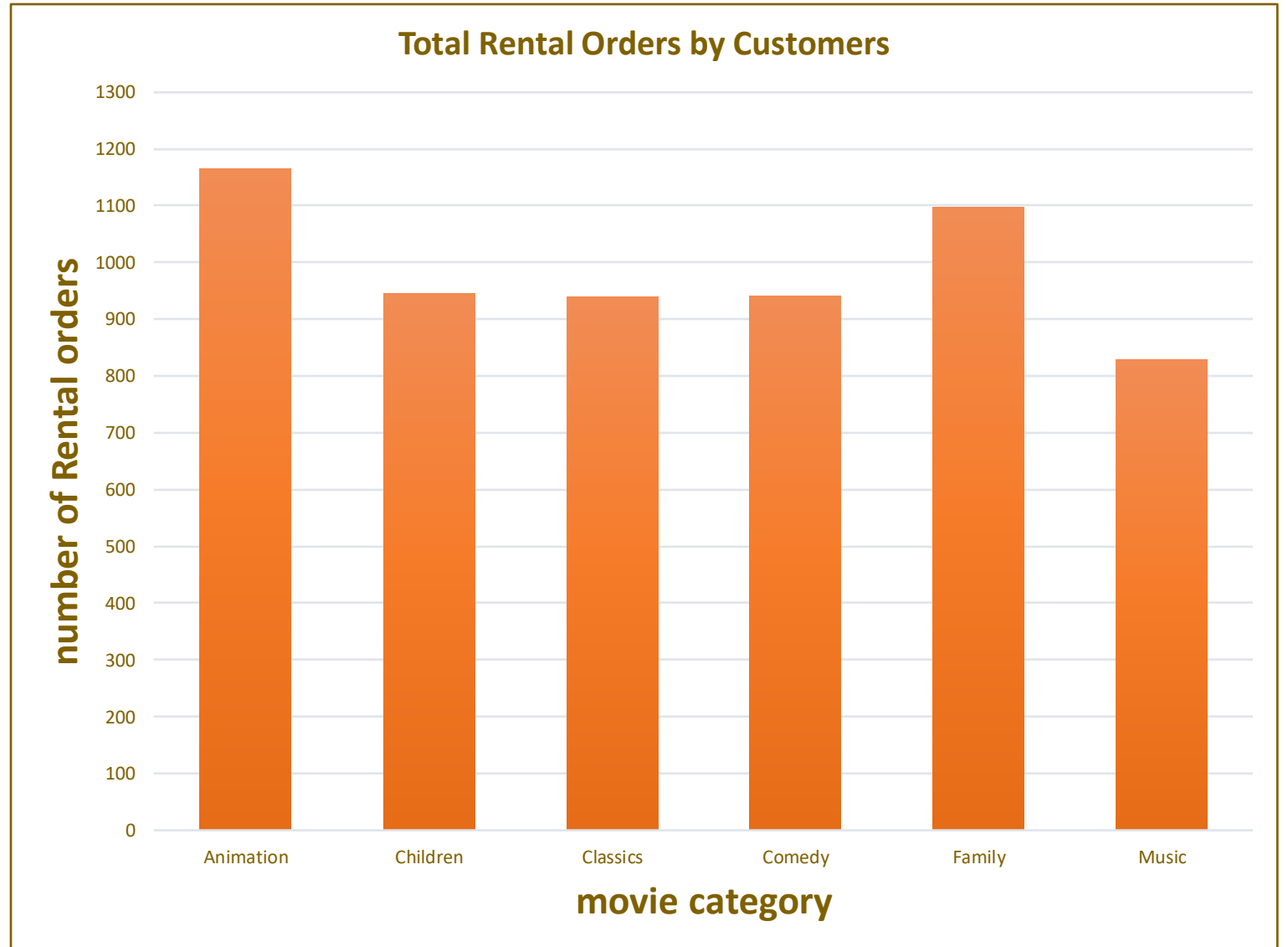


Q:1

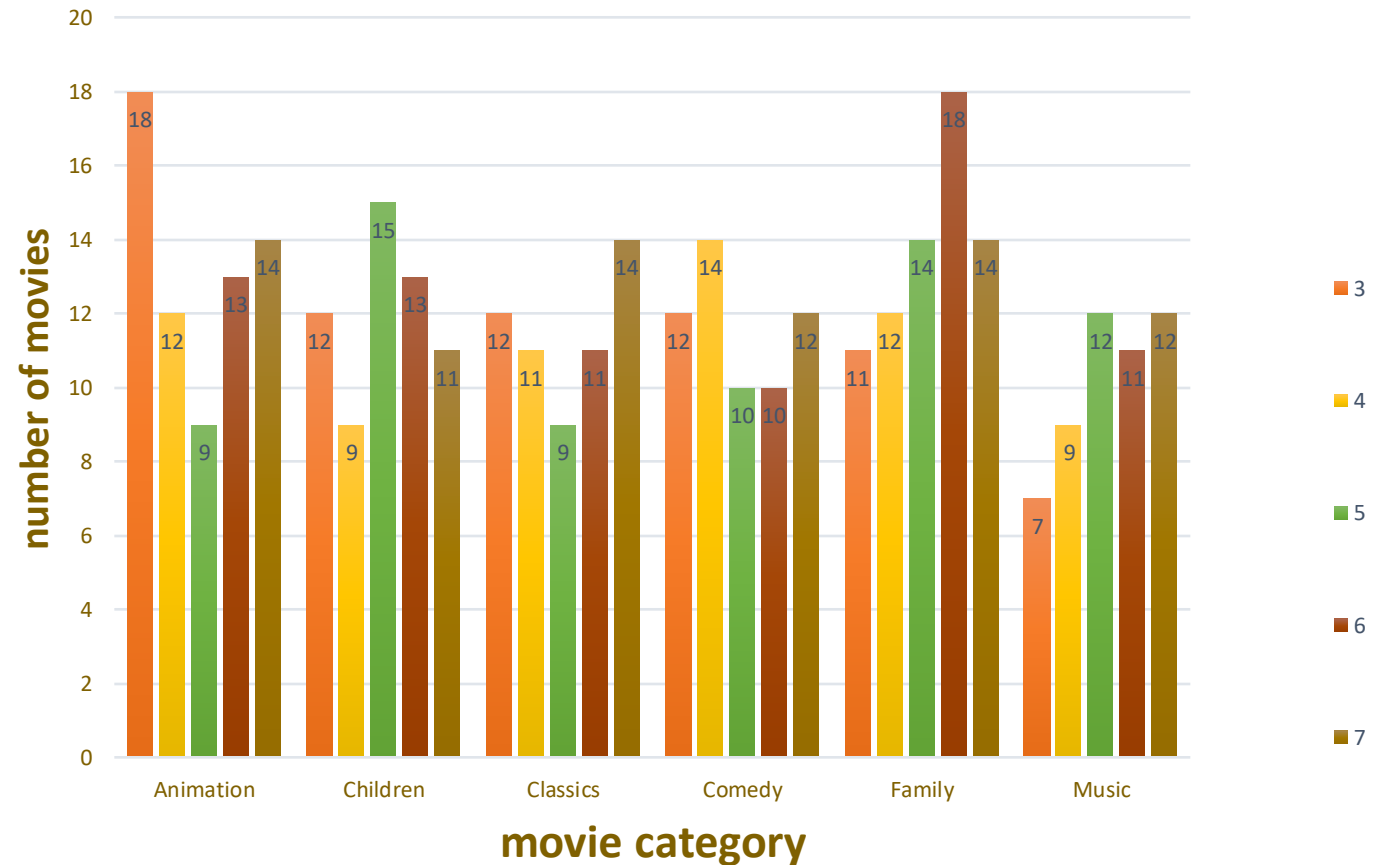
The chart is showing the rental orders for each category of family movies till now. It is evident from the data that families are most likely to rent movies in the '**Animation**' category followed by '**Family**' category with almost the same interest for '**Children**', '**Classics**' and '**Comedy**' categories and families show least interest to rent '**Music**' category movies.



Q:2

The chart showing the distribution of movies by each rental duration for each category of the family movies. It can be clearly seen that maximum number of movies in the **'Family'** category are rented for 6 days in comparison to maximum number of movies in the 'Animation' category which are being rented for 3 days. Similarly, we can compare **'Family'** movies duration with other categories.

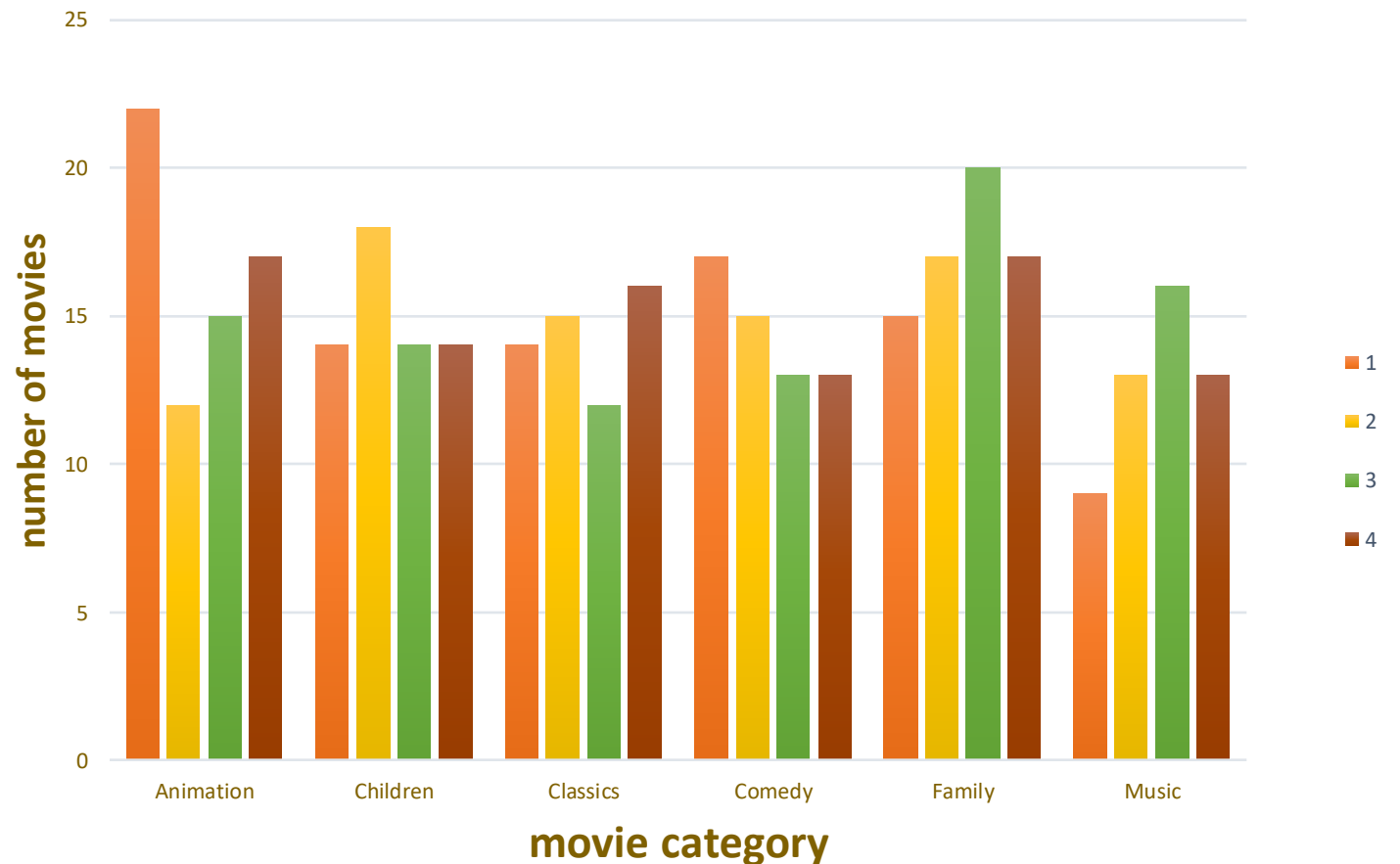
Movies distribution by each Rental Duration for each category



Q:3

The chart showing the distribution of movies by each quartile for each category of family movies when within the database all movies were sorted according to the rental duration in ascending order of duration. Here, if we see the 'Animation' category, we can clearly tell that it has the highest number of movies in the first quartile in its own category and among all other categories. Within the category, there are 17 movies in the fourth quartile on the second place followed by number of movies in the third and fourth quartile. Similarly, we can do comparison for other categories.

Movies Distribution by each Quartile for each category



Q:4

The chart showing showing the top 10 paying customers in 2007 in order of their names with the amount of the monthly payments they made in 2007. As we can see here, that Eleanor Hunt has made the top monthly payment of \$100 in April 2007.

