

Performance Task: 8.5F
Proportional & Non-Proportional Relationships: Beach Rentals

The Jameson family of 5 and the Maritz family of 4 are spending the day at the beach. There they find a vendor renting some items they might need for the day.



The Jameson's decide to get chairs for each person in their family and to share 3 umbrellas with each other for their day on the beach. The Maritz family also gets chairs for each person as well as 2 umbrellas to share. The Maritz family also rents the sandcastle tools for the day.

How can the cost of each family's rentals be represented using a table, graph, or equation? Is each family's cost proportional to the number of hours they spend at the beach? Justify your reasoning.

Procedural	0	1	2
Conceptual	0	1	2
Communication	0	1	2

Total points: _____