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| **Analyzing and Critiquing Given Data** |
| Analyzes and interprets a given graphThe Northwest Territories is about one-third of the total area of the territories.Nunavut is a bit more than one-half of the total area of the territories. | Identifies the misrepresentation in a graphBirds at a FeederThere are twice as many sparrows as grackles, but the graph appears to show that there are three times as many sparrows as grackles. | Corrects the misrepresentation in the graphRedraw the graph so the vertical axis begins at 0. | Constructs a graph to misrepresent data, and explains the misrepresentation Populations of some Canadian cities, to the nearest 100 000I drew a bar graph with the vertical axis beginning at 300 000. It shows that the population of Winnipeg is 5 times the population of Halifax, instead of 2 times.Biased graph  |

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| **Observations/Documentation** |
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