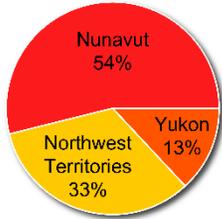# Activity 4 Assessment
Analysing and Critiquing Given Data

Analysing and Critiquing Given Data

Analyses and interprets a given graph	Identifies misleading information in a graph	Corrects the bias shown in a given graph	Constructs a graph to show bias

Analyses and interprets a given graph
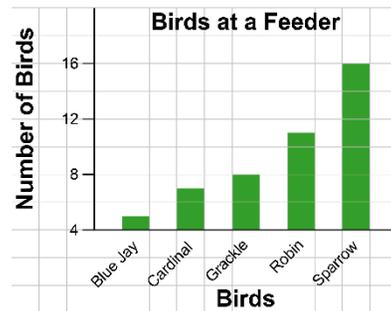
Areas of Canadian Territories

The Northwest Territory 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.
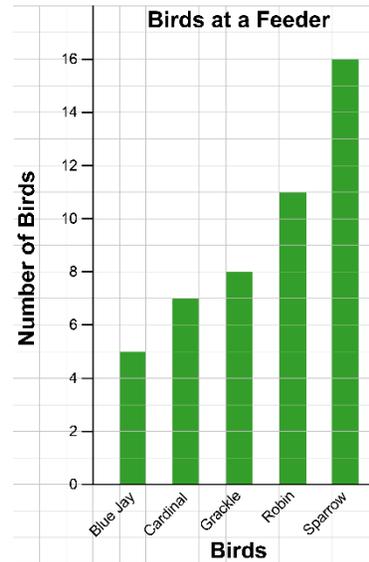
Identifies misleading information in a graph

Birds at a Feeder

Blue Jay	5
Cardinal	7
Grackle	8
Robin	11
Sparrow	16

There are twice as many sparrows as grackles, but the graph appears to show that there are three times as many sparrows as grackles.
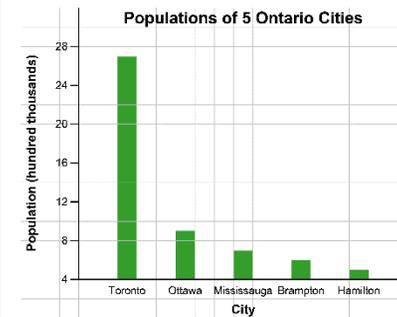
Corrects the bias shown in a given graph

"I redrew the graph with the vertical axis starting at 0 to remove the bias."

Constructs a graph to show bias

Populations of 5 largest Ontario cities, to the nearest 100 000

Toronto	2 700 000
Ottawa	900 000
Mississauga	700 000
Brampton	600 000
Hamilton	500 000

Biased graph

Mathology 7
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Activity 4 Assessment
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Observations/Documentation