

# Cree Dictionary of Mathematics Terms

**Dr. Arzu Sardarli**

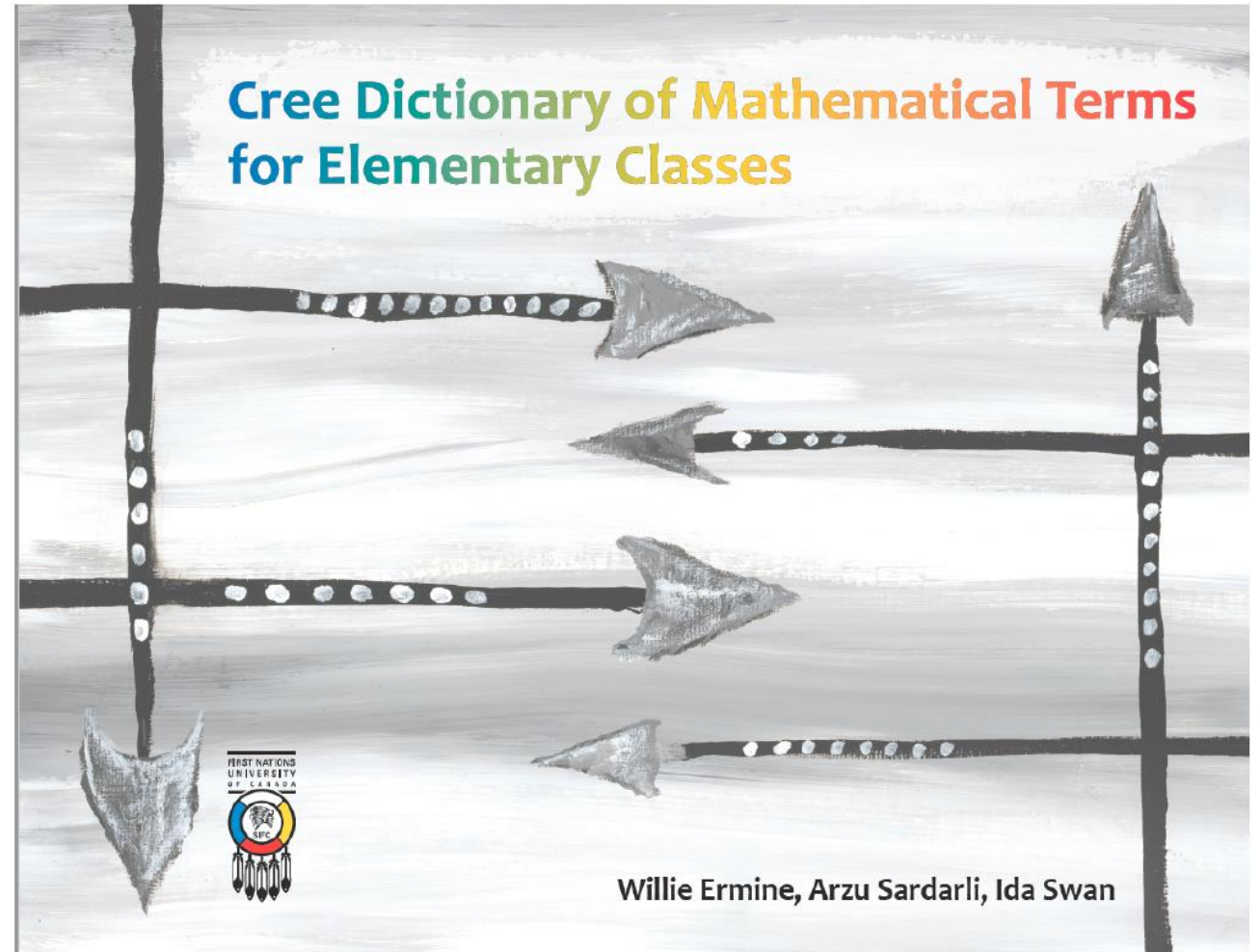
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# Paper Format

- In 2021 – 2022, we (Arzu Sardarli, Ida Swan) developed the first explanatory Cree dictionary of mathematical terms in paper format.
- The Dictionary was published by University of Regina Printing Services.
- The printed copies were donated to First Nations schools across Canada.
- The project was supported by the First Nations University of Canada.
- This project was recognized by Lyle Benko Future Generations Award of the Saskatchewan Regional Centre of Expertise.





# Digital Format (examples)

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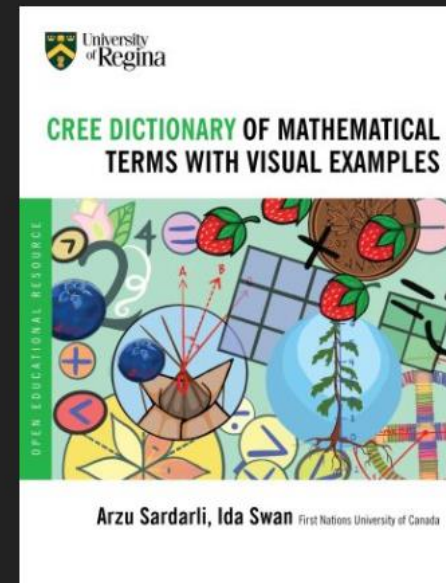
## CREE DICTIONARY OF MATHEMATICAL TERMS WITH VISUAL EXAMPLES


Arzu Sardarli and Ida Swan

The Cree Dictionary of Mathematical Terms with Visual Examples provides Cree equivalents of 176 mathematics terms and their definitions in English. The visual examples mainly contain Indigenous elements. The Dictionary was reviewed by Elders, Indigenous Knowledge Keepers and Cree-speaking educators.

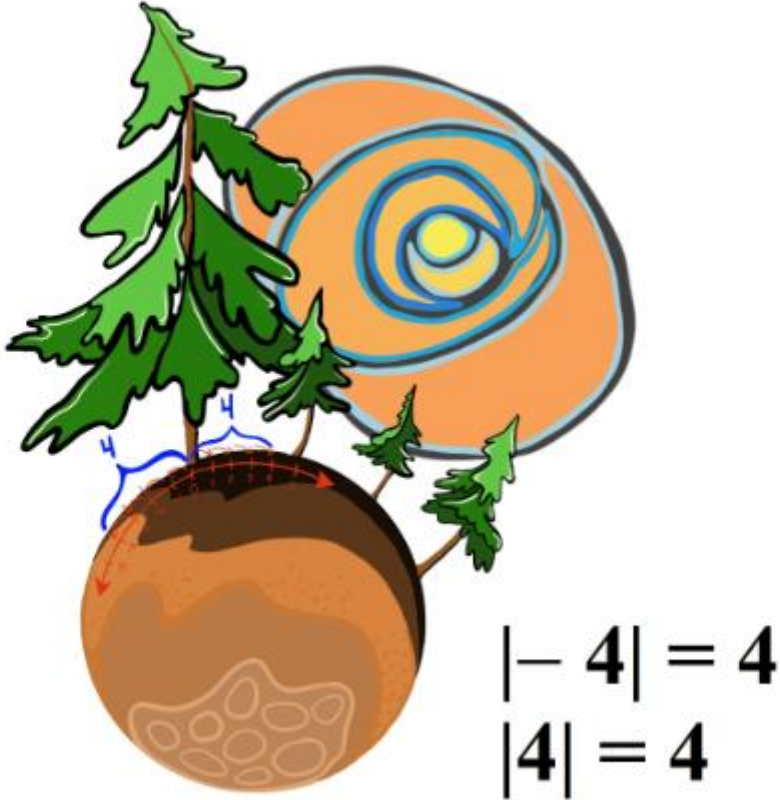
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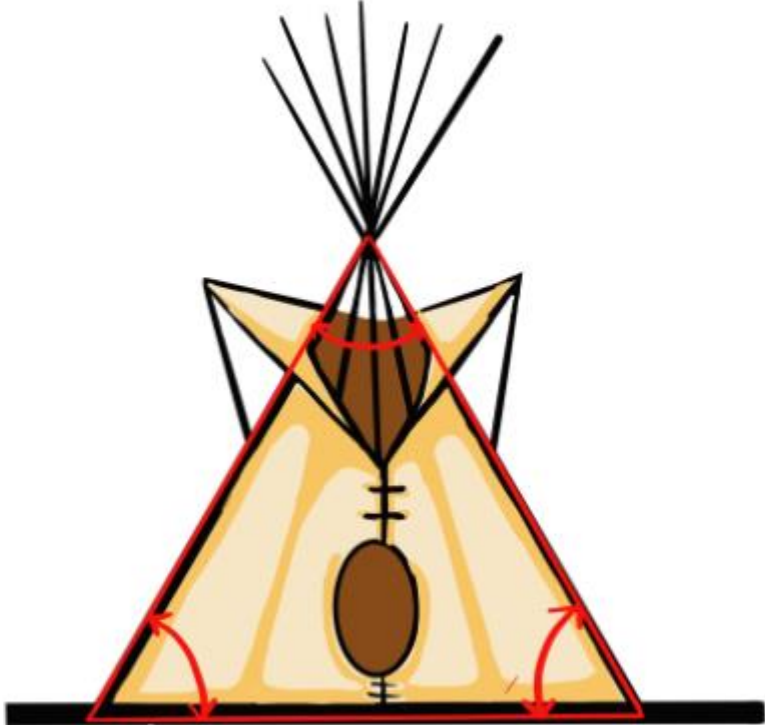
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<b>Absolute value</b>	The absolute value of an integer is its distance from zero on the number line. [8]	i-thikohk mwēci
 <p data-bbox="1363 1021 1643 1199"><math>  - 4   = 4</math> <math>  4   = 4</math></p>		




# Digital Format (examples)


<b>Acute triangle</b>	An acute triangle has three angles that measure between 0 and 90 degrees. [8]	(1) otōskwana-nisto (2) ati-isko keka-mitahtāmitanaw
		

# Digital Format (examples)


# B

<b>Backward</b>	Directed toward the back or past. [6]	asi-akiciki
		

# Digital Format (examples)

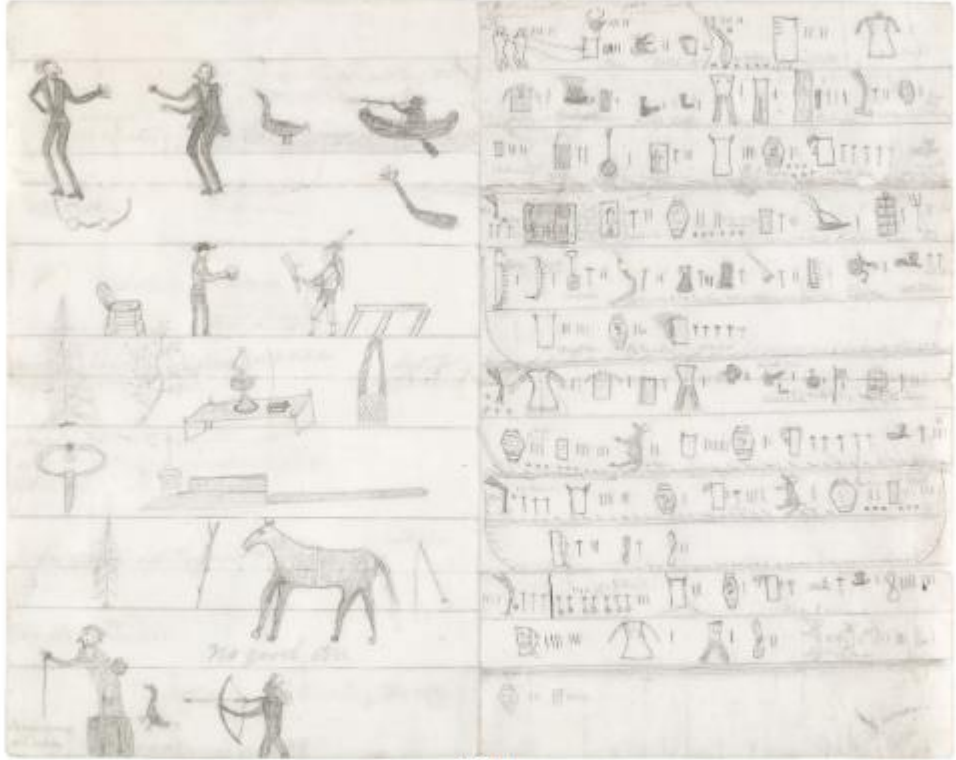
<b>Similar</b>	Having the same shape but not always the same size. If one shape is similar to another shape, there exists a dilatation that will transform the first shape into the second shape. [3]	peyakwan kekâc
		

<b>Similarity</b>	Denoting two or more figures that have the same shape but different sizes. [4]	tâpiskōc
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<b>Six</b>	6	nikotwâsik
		



# Digital Format (examples)

Symbol	A letter, figure or sign used to represent a quantity, sentence, relation, function, or an object or operation. [4]	ê- itwēmakahk
 <p>[10]</p>		