



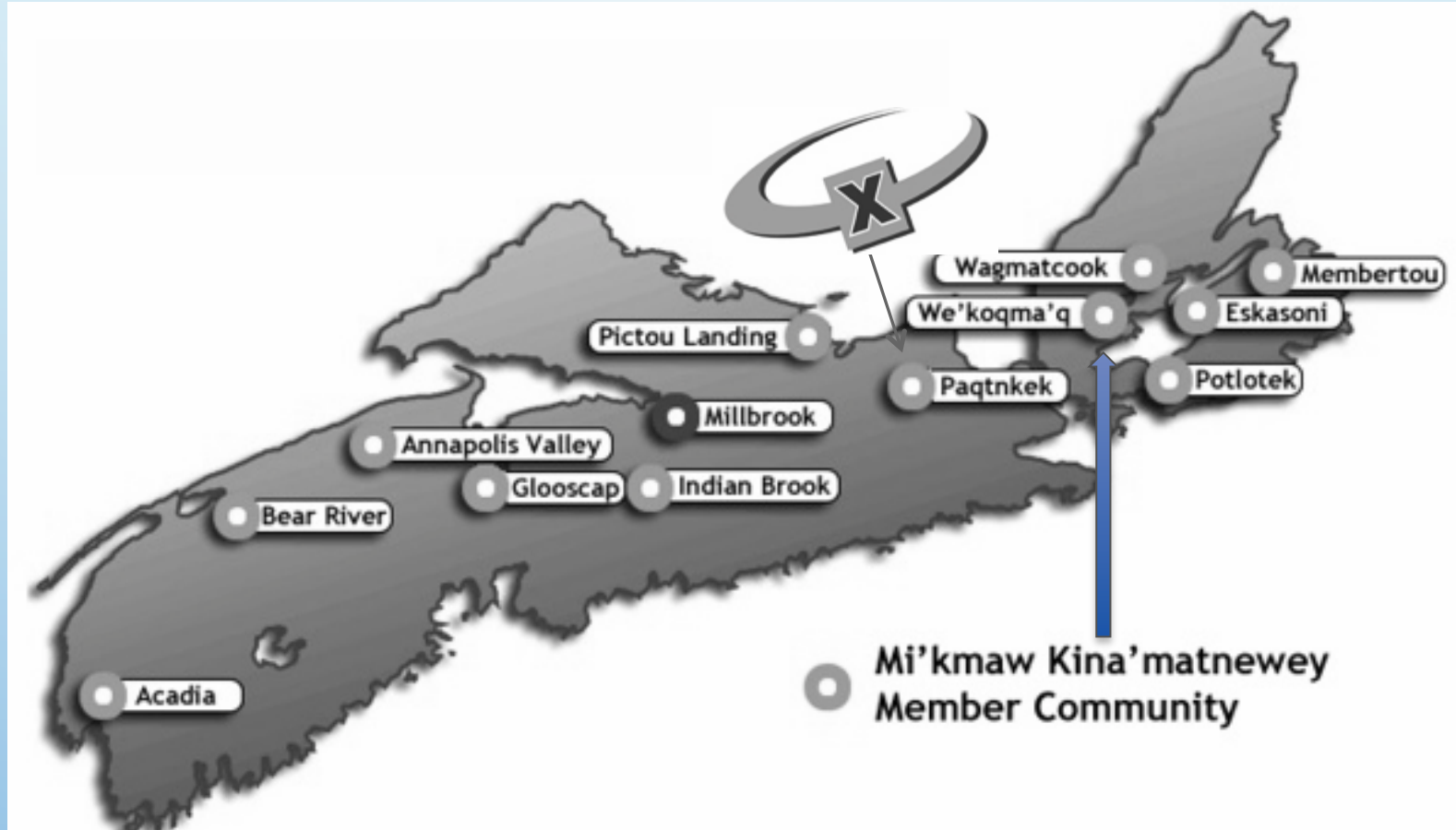
DECOLONIZING MATHEMATICS

DR. LISA LUNNEY BORDEN

JOHN JEROME PAUL CHAIR FOR EQUITY IN MATH EDUCATION

ST. FRANCIS XAVIER UNIVERSITY

WE'KOQMA'Q & MI'KMAW KINA'MATNEWWEY

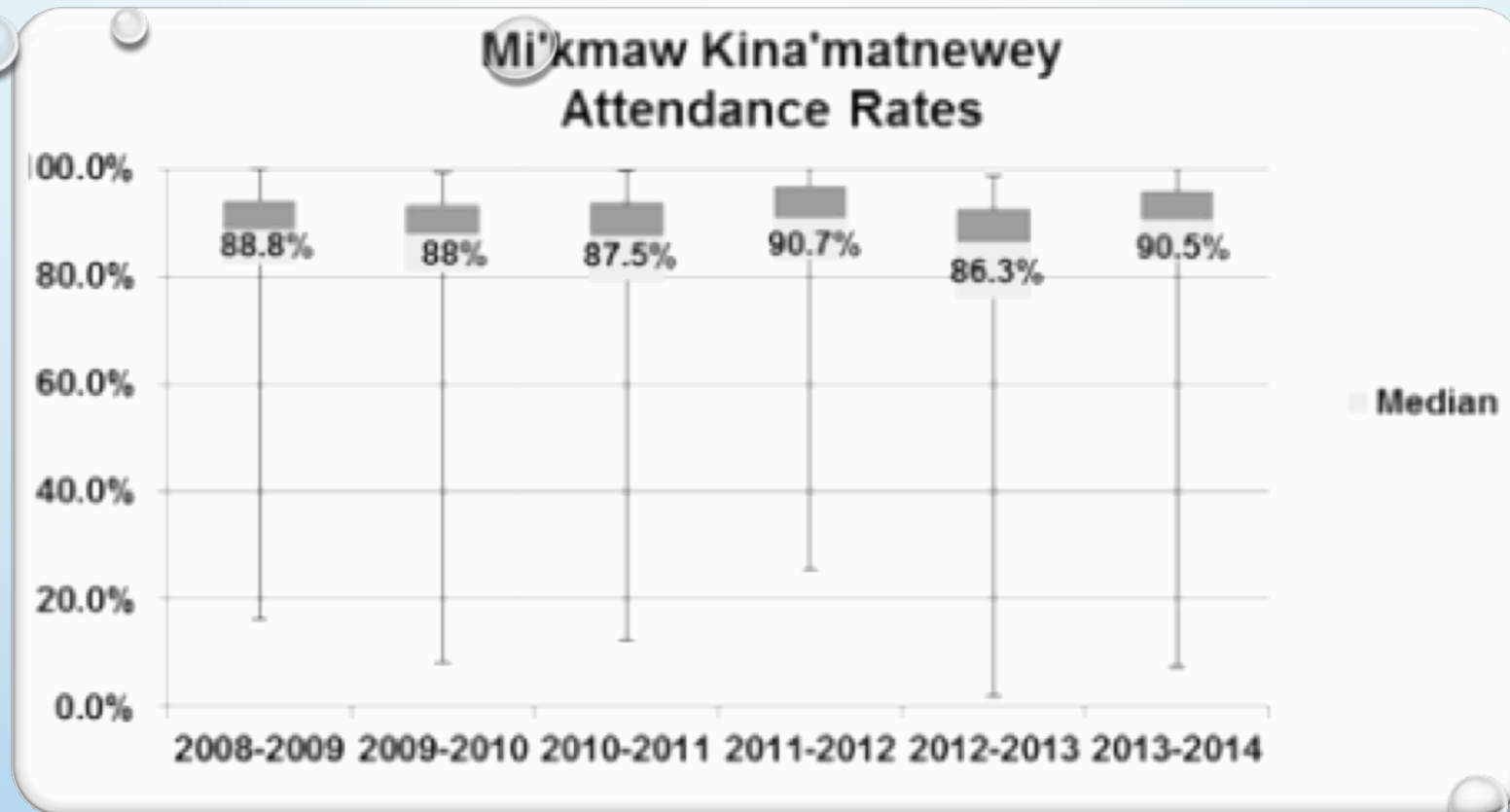


CROSSING THE SKYE RIVER BRIDGE

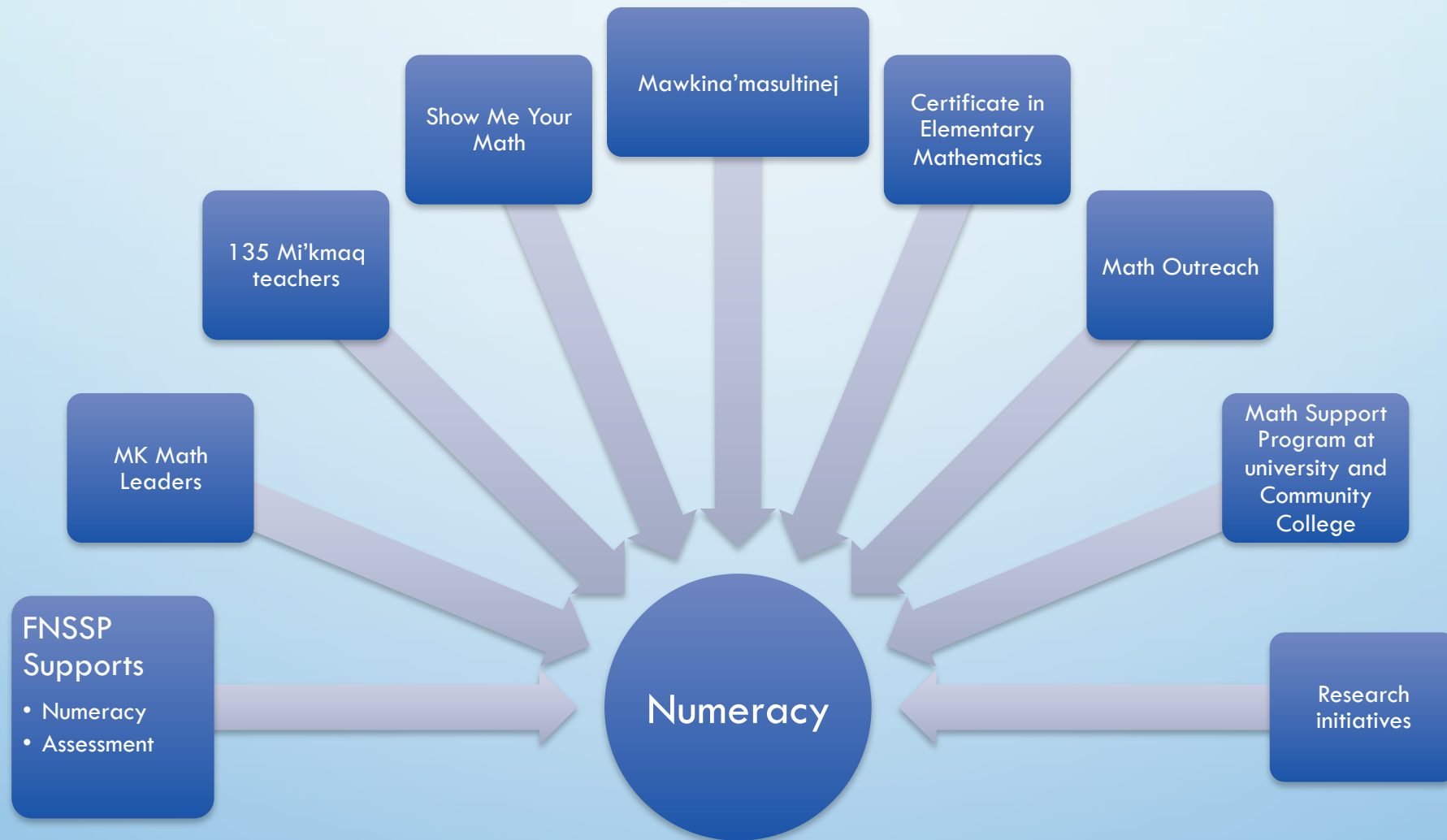




GRADUATION RATES



ATTENDANCE RATES





BUILDING FROM THE COMMUNITY CAPACITY

INDIGENOUS KNOWLEDGE IN MATH CLASS: WHAT IT'S NOT

11. Louise purchased a Métis flag whose length was 90 cm longer than its width. The perimeter of the flag was 540 cm. What are the dimensions of the flag?



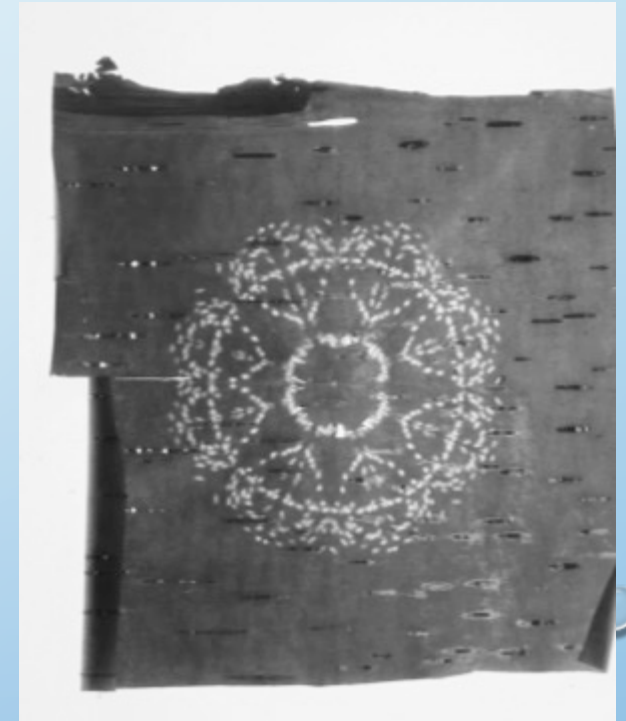
9. Talise folded 545 metal lids to make cones for jingle dresses for herself and her younger sister. Her dress had 185 more cones than her sister's dress. How many cones are on each dress?



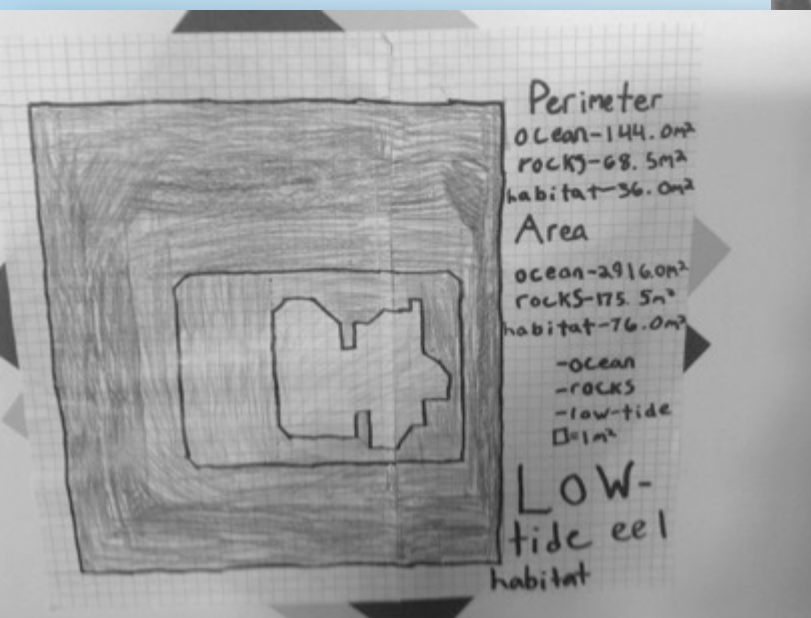
INDIGENOUS KNOWLEDGE IN MATH CLASS: WHAT IT COULD BE



INDIGENOUS KNOWLEDGE IN MATH CLASS: WHAT IT COULD BE

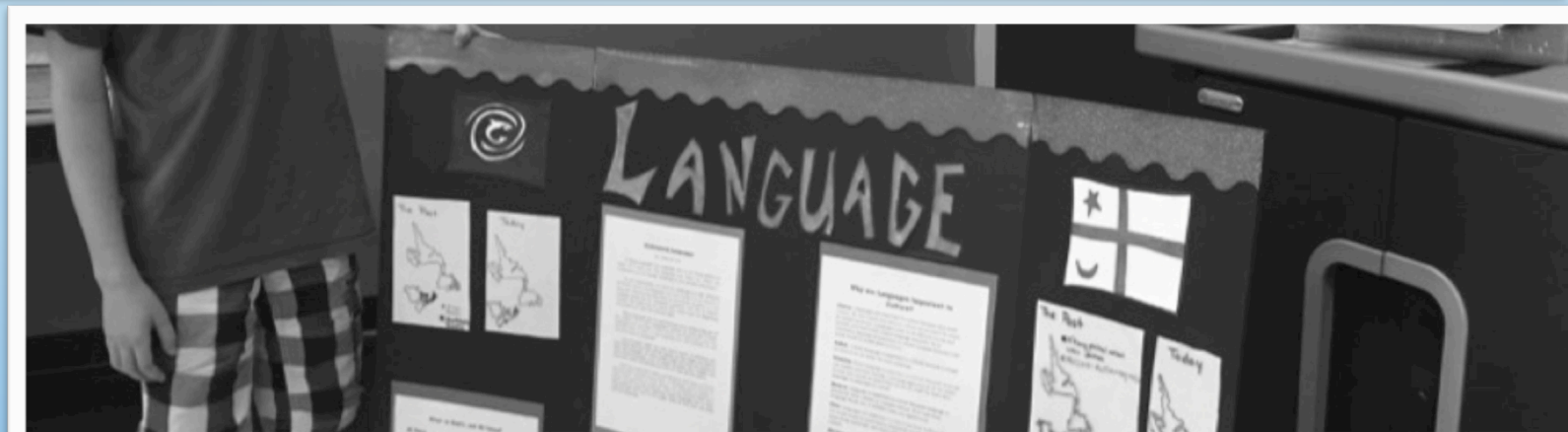


STUDENTS INQUIRE INTO THE MATH OF EELS



HOW LONG THE EEL IS	HOW MUCH IT WEIGHS	the life cycle
20 cm		
40 cm	400 g	glass eel
60 cm	1200 g	silver eel
80 cm	3600 g	yellow eel
100 cm	10,800 g	if the eel is still alive
	32,400 g	late (dead) eel

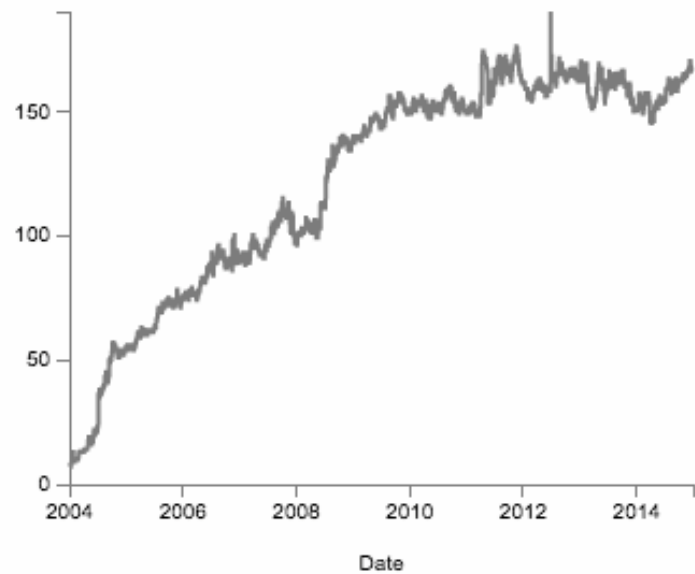
SHOW ME YOUR LANGUAGE...



WATER SECURITY

Total # of boil water advisories in effect per day

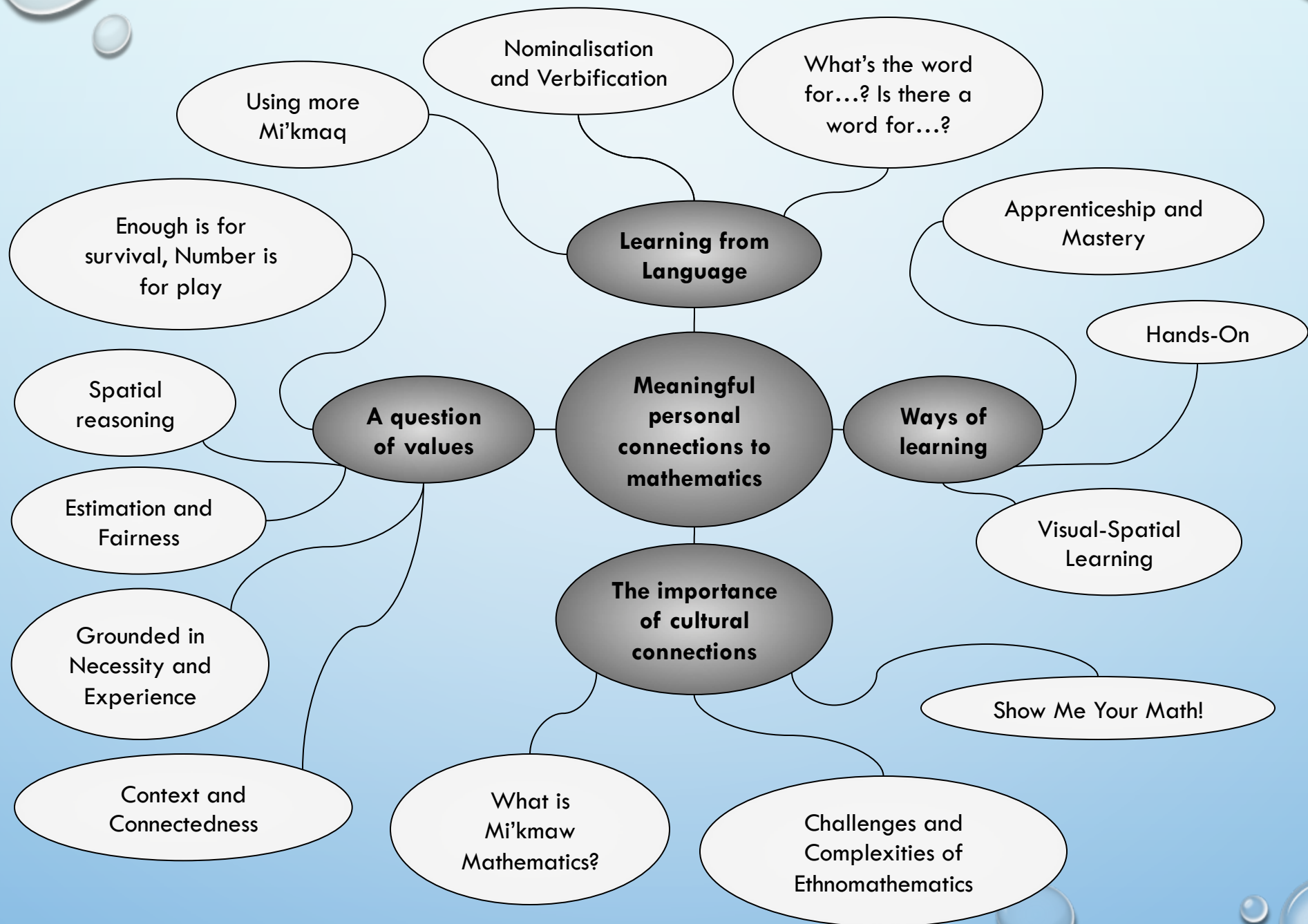
Number of advisories





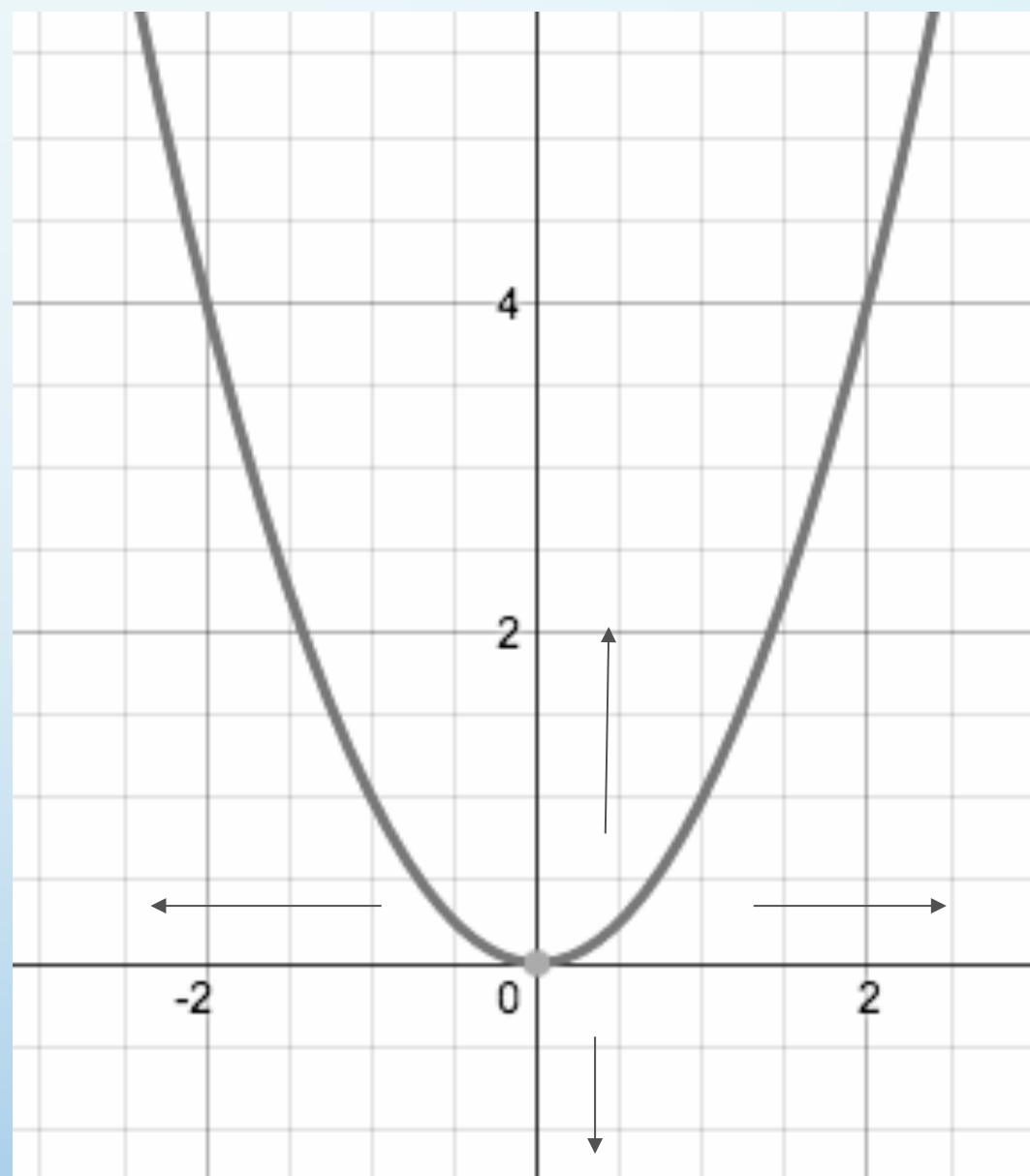
CULTURAL CONTEXTS ALONE ARE NOT ENOUGH

IT'S ABOUT L'NUI'TA'SIMK



VERBIFICATION

MI'KMAQ IS A VERB BASED LANGUAGE;
MATHEMATICS TENDS TO BE NOMINALIZED;
FOCUSING MORE ON VERBS MADE A
DIFFERENCE IN MY CLASS



LINEAR EQUATIONS / SLOPE

