

Math Word List

English–Japanese Vocabulary for New York Grades K–2

Purpose. This list supports Japanese-speaking students and families learning early elementary math vocabulary in Grades K–2. It covers counting, early operations, place value, measurement, shapes, and common classroom math language.

How to use it. Begin with the **Core** terms used every day in number talks, counting, and simple problem solving, then add the Useful terms as students measure, sort, graph, and explain their thinking.

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Term count by area

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Total	106

Counting and Cardinality

English	日本語	よみ	Grade	Priority	Student note / use
count	数える	かぞえる	K-2	Core	say numbers in order
number	数	かず	K-2	Core	math word that tells how many
zero	ゼロ	ぜろ	K-2	Core	number meaning none
one more	1つ多い	ひとつおおい	K-2	Core	next number after adding one
one less	1つ少ない	ひとつすくない	K-2	Core	number before when taking one away
forward	前へ	まえへ	K-2	Useful	count on in increasing order
backward	後ろへ	うしろへ	K-2	Useful	count back in decreasing order
skip count	とび数え	とびかぞえ	K-2	Useful	count by 2s 5s or 10s
numeral	数字	すうじ	K-2	Useful	written symbol for a number
how many	いくつ	いくつ	K-2	Core	question asking for a quantity
total	全部で	ぜんぶで	K-2	Core	all together amount
more	多い	おおい	K-2	Core	greater amount
less	少ない	すくない	K-2	Core	smaller amount
equal	等しい	ひとしい	K-2	Core	same amount
same	同じ	おなじ	K-2	Core	not different in amount or shape
greater than	より大きい	よりおおきい	K-2	Useful	has more than another number
less than	より小さい	よりちいさい	K-2	Useful	has less than another number
compare	比べる	くらべる	K-2	Core	look at two amounts to tell more less or equal
group	グループ	ぐるーぷ	K-2	Core	set of things together
set	集まり	あつまり	K-2	Useful	collection of objects
match	対応させる	たいおうさせる	K-2	Useful	pair items one to one

Operations and Algebraic Thinking

English	日本語	よみ	Grade	Priority	Student note / use
add	たす	たす	K-2	Core	join numbers or groups together
plus	たす	たす	K-2	Core	word or sign for addition
sum	合計	ごうけい	K-2	Useful	answer to an addition problem
join	合わせる	あわせる	K-2	Core	put together
all together	全部で	ぜんぶで	K-2	Core	total after joining groups
count on	数え足す	かぞえたす	K-2	Core	start at a number and keep counting
addition sentence	たし算の式	たしざんのしき	K-2	Useful	equation showing addition
number bond	数のつながり	かずのつながり	K-2	Useful	picture showing parts and whole
make ten	10をつくる	じゅうをつくる	K-2	Useful	combine numbers to make ten

subtract	ひく	ひく	K-2	Core	take away or find the difference
minus	ひく	ひく	K-2	Core	word or sign for subtraction
difference	ちがい	ちがい	K-2	Useful	answer to subtraction or amount between numbers
take away	とる	とる	K-2	Core	remove some objects
left	残り	のこり	K-2	Core	amount that remains
count back	数え戻る	かぞえもどる	K-2	Core	count backward to subtract
subtraction sentence	ひき算の式	ひきざんのしき	K-2	Useful	equation showing subtraction
fewer	より少ない	よりすくない	K-2	Core	smaller number of things
part	部分	ぶぶん	K-2	Core	one piece of a whole
whole	全体	ぜんたい	K-2	Core	all parts together
story problem	文章題	ぶんしょうだい	K-2	Core	math problem told with words
solve	解く	とく	K-2	Core	find the answer
show your work	考えを書こう	かんがえをかこう	K-2	Useful	record your math steps or drawing
draw a picture	絵をかく	えをかく	K-2	Core	use a drawing to solve
explain	説明する	せつめいする	K-2	Useful	tell how you got the answer

Numbers in Base Ten

English	日本語	よみ	Grade	Priority	Student note / use
ones	1のくらい	いちのくらい	K-2	Core	place for single units
tens	10のくらい	じゅうのくらい	K-2	Core	place for groups of ten
place value	位取り	くらいどり	K-2	Core	value of a digit because of its place
bundle of ten	10のまとまり	じゅうのまとまり	K-2	Core	group of ten ones
compose	つくる	つくる	K-2	Useful	put numbers together to make another number
decompose	分ける	わける	K-2	Useful	break a number into parts
expanded form	ひろげた形	ひろげたかたち	K-2	Useful	show a number by place-value parts
digit	数字	すうじ	K-2	Core	one written number symbol 0 through 9
greater number	大きい数	おおきいかず	K-2	Core	number with larger value
smaller number	小さい数	ちいさいかず	K-2	Core	number with smaller value

Measurement and Data

English	日本語	よみ	Grade	Priority	Student note / use
measure	はかる	はかる	K-2	Core	find size or amount using a tool or unit
length	長さ	ながさ	K-2	Core	how long something is
inch	インチ	いんち	K-2	Useful	small unit of length
centimeter	センチメートル	せんちめーとる	K-2	Useful	metric unit of length
ruler	ものさし	ものさし	K-2	Core	tool for measuring length
longer	より長い	よりながい	K-2	Core	having more length
shorter	より短い	よりみじかい	K-2	Core	having less length

taller	より高い	よりたかい	K-2	Core	having more height
heavier	より重い	よりおもい	K-2	Core	having more weight
lighter	より軽い	よいかるい	K-2	Core	having less weight
time	時間	じかん	K-2	Core	how long or when something happens
clock	時計	とけい	K-2	Core	tool that tells time
hour	時	じ	K-2	Core	unit of time on a clock
minute	分	ふん	K-2	Useful	smaller unit of time
penny	ペニー	ぺにー	K-2	Useful	one-cent coin
nickel	ニッケル	にっける	K-2	Useful	five-cent coin
dime	ダイム	だいむ	K-2	Useful	ten-cent coin
quarter	クォーター	くおーたー	K-2	Useful	twenty-five-cent coin
coin	コイン	こいん	K-2	Core	piece of money made of metal
graph	グラフ	ぐらふ	K-2	Core	picture that shows information
picture graph	絵グラフ	えぐらふ	K-2	Core	graph using pictures
bar graph	棒グラフ	ぼうぐらふ	K-2	Useful	graph using bars to show data
data	データ	でーた	K-2	Core	information collected about something

Geometry

English	日本語	よみ	Grade	Priority	Student note / use
shape	形	かたち	K-2	Core	outline or form of an object
circle	円	えん	K-2	Core	round shape with no corners
triangle	三角形	さんかくけい	K-2	Core	shape with three sides
square	正方形	せいほうけい	K-2	Core	shape with four equal sides and corners
rectangle	長方形	ちやうほうけい	K-2	Core	shape with four sides and four corners
hexagon	六角形	ろっかくけい	K-2	Useful	shape with six sides
side	辺	へん	K-2	Core	straight part of a shape
corner	かど	かど	K-2	Core	place where sides meet
vertex	頂点	ちやうてん	K-2	Useful	math word for a corner
flat	平らな	たいらな	K-2	Core	lying level or like a 2D shape
solid shape	立体	りったい	K-2	Core	3D shape that takes up space
cube	立方体	りっぽうたい	K-2	Core	solid shape with equal square faces
sphere	球	きゅう	K-2	Useful	round solid like a ball
cylinder	円柱	えんちゅう	K-2	Useful	solid with two circular ends
sort	仲間分けする	なかまわけする	K-2	Core	put objects into groups by attribute
attribute	特徴	とくちょう	K-2	Useful	feature used to describe or sort

Math Routines and Directions

English	日本語	よみ	Grade	Priority	Student note / use
show me	見せて	みせて	K-2	Core	teacher direction to display work
point to	さして	さして	K-2	Core	teacher direction to indicate something
write	書く	かく	K-2	Core	put numbers or symbols on paper
draw	かく	かく	K-2	Core	make a picture or model
explain your thinking	考えを話そう	かんがえをはなそう	K-2	Useful	tell how you solved
check your answer	答えをたしかめる	こたえをたしかめる	K-2	Useful	see whether your answer makes sense
solve in a different way	ちがうやり方でとく	ちがうやりかたでとく	K-2	Useful	find another strategy
partner	ペア	ペア	K-2	Core	classmate you work with
turn and talk	ペアで話す	ペアではなす	K-2	Useful	talk with a partner about math
math tool	算数の道具	さんすうのどうぐ	K-2	Useful	object used to help solve
number line	数直線	すうちょくせん	K-2	Useful	line showing numbers in order
ten frame	10 のわく	じゅうのわく	K-2	Useful	box pattern used to show numbers to ten

Counting and Cardinality (sorted)

English	日本語	よみ	Grade	Priority	Student note / use
compare	比べる	くらべる	K-2	Core	look at two amounts to tell more less or equal
equal	等しい	ひとしい	K-2	Core	same amount
greater than	より大きい	よりおおきい	K-2	Useful	has more than another number
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zero	ゼロ	ぜろ	K-2	Core	number meaning none

Geometry (sorted)

English	日本語	よみ	Grade	Priority	Student note / use
attribute	特徴	とくちょう	K-2	Useful	feature used to describe or sort
circle	円	えん	K-2	Core	round shape with no corners
corner	かど	かど	K-2	Core	place where sides meet
cube	立方体	りっぽうたい	K-2	Core	solid shape with equal square faces
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draw	かく	かく	K-2	Core	make a picture or model
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data	データ	でーた	K-2	Core	information collected about something
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graph	グラフ	ぐらふ	K-2	Core	picture that shows information
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Numbers in Base Ten (sorted)

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Operations and Algebraic Thinking (sorted)

English	日本語	よみ	Grade	Priority	Student note / use
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addition sentence	たし算の式	たしざんのしき	K-2	Useful	equation showing addition
all together	全部で	ぜんぶで	K-2	Core	total after joining groups
count on	数え足す	かぞえたす	K-2	Core	start at a number and keep counting
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plus	たす	たす	K-2	Core	word or sign for addition
sum	合計	ごうけい	K-2	Useful	answer to an addition problem
count back	数え戻る	かぞえもどる	K-2	Core	count backward to subtract

difference	ちがい	ちがい	K-2	Useful	answer to subtraction or amount between numbers
fewer	より少ない	よりすくない	K-2	Core	smaller number of things
left	残り	のこり	K-2	Core	amount that remains
minus	ひく	ひく	K-2	Core	word or sign for subtraction
part	部分	ぶぶん	K-2	Core	one piece of a whole
subtract	ひく	ひく	K-2	Core	take away or find the difference
subtraction sentence	ひき算の式	ひきざんのしき	K-2	Useful	equation showing subtraction
take away	とる	とる	K-2	Core	remove some objects
whole	全体	ぜんたい	K-2	Core	all parts together
draw a picture	絵をかく	えをかく	K-2	Core	use a drawing to solve
explain	説明する	せつめいする	K-2	Useful	tell how you got the answer
show your work	考えを書こう	かんがえをかこう	K-2	Useful	record your math steps or drawing
solve	解く	とく	K-2	Core	find the answer
story problem	文章題	ぶんしょうだい	K-2	Core	math problem told with words