

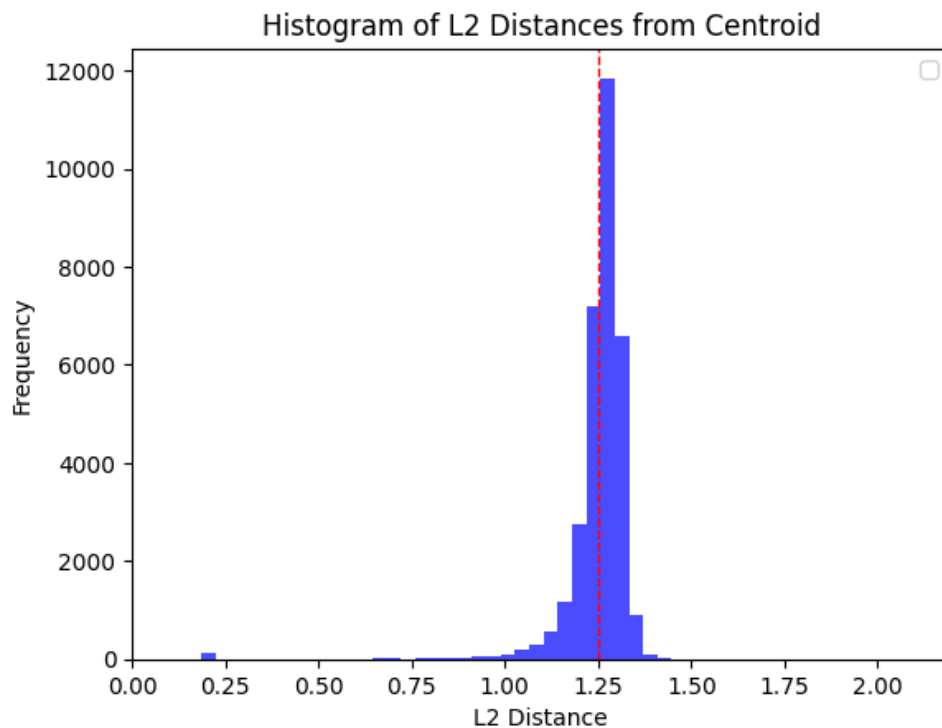
OpenLLaMa-3b

token/centroid statistics

32000 tokens

3200 dimensions

centroid has L2 norm 0.1847



Mean distance from centroid: 1.2529

Standard deviation of distances: 0.0894

Variance of distances: 0.0080

Tokens whose embeddings have smallest distances from centroid:

INDEX: 82; TOKEN: 'O'; DISTANCE: 0.1849

INDEX: 93; TOKEN: 'Z'; DISTANCE: 0.1849

INDEX: 118; TOKEN: 's'; DISTANCE: 0.1851

INDEX: 116; TOKEN: 'q'; DISTANCE: 0.1851

INDEX: 113; TOKEN: 'n'; DISTANCE: 0.1852

INDEX: 76; TOKEN: 'l'; DISTANCE: 0.1852

INDEX: 36; TOKEN: '!'; DISTANCE: 0.1852

INDEX: 85; TOKEN: 'R'; DISTANCE: 0.1853

INDEX: 78; TOKEN: 'K'; DISTANCE: 0.1853

INDEX: 64; TOKEN: '='; DISTANCE: 0.1853

Tokens whose embeddings have greatest distances from centroid:

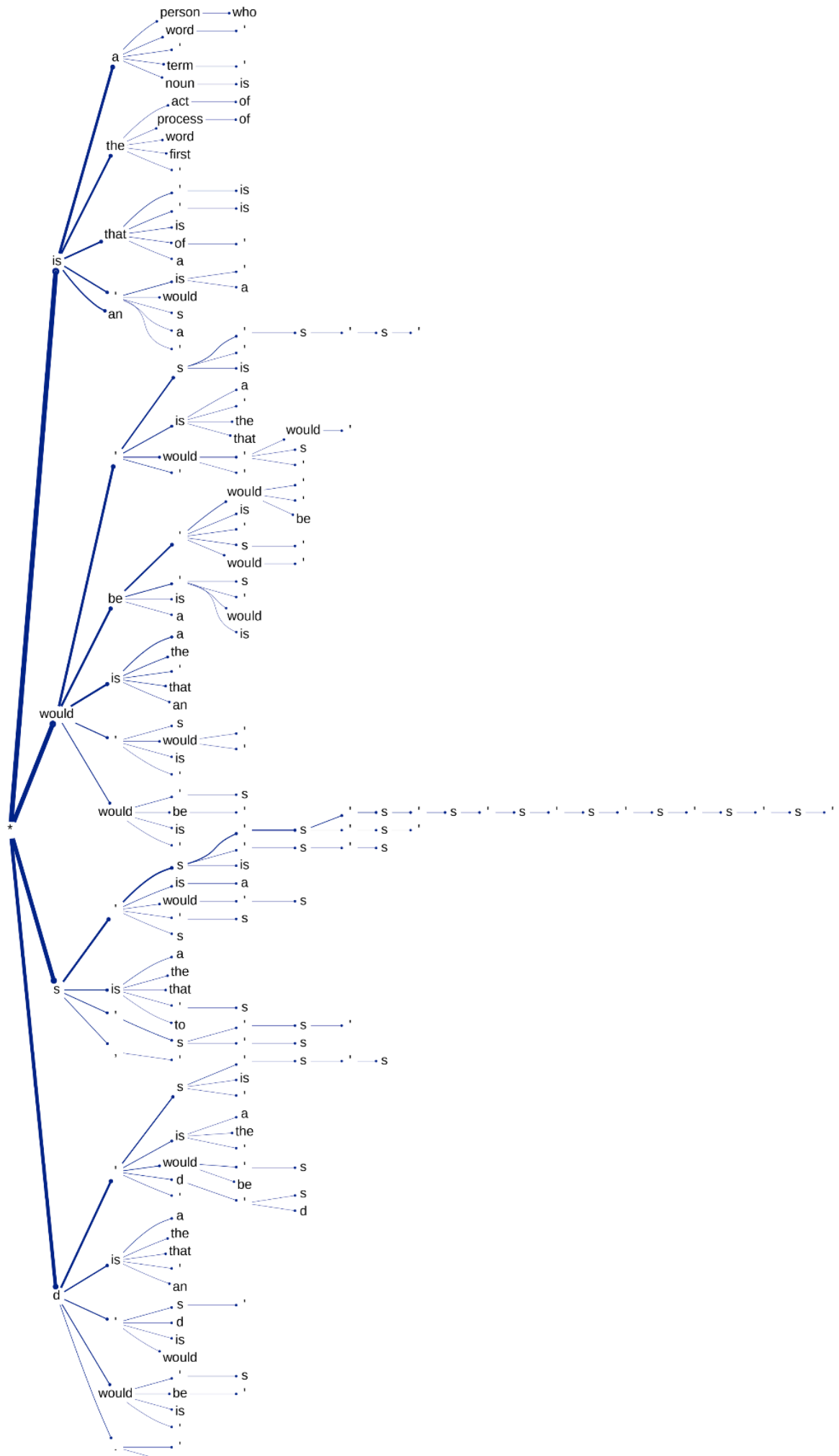
INDEX: 30628; TOKEN: 'Braves'; DISTANCE: 2.0977
INDEX: 20101; TOKEN: 'HMS'; DISTANCE: 1.9219
INDEX: 30294; TOKEN: 'Lama'; DISTANCE: 1.8994
INDEX: 12409; TOKEN: 'Putin'; DISTANCE: 1.8418
INDEX: 15892; TOKEN: 'Ethiopia'; DISTANCE: 1.7959
INDEX: 28542; TOKEN: 'jewellery'; DISTANCE: 1.7031
INDEX: 22192; TOKEN: 'IQ'; DISTANCE: 1.6758
INDEX: 26218; TOKEN: 'Omaha'; DISTANCE: 1.6543
INDEX: 26657; TOKEN: 'wallpaper'; DISTANCE: 1.6240
INDEX: 15775; TOKEN: 'Orthodox'; DISTANCE: 1.6172

centroid definition tree

Prompt: **A typical definition of '<centroid>' would be '**

top branch (greedily sampled definition): ' is a person who is a person who is a person who is a person who is a person who is a person who...

tree generated at cutoff = 0.0001



word cloud generated at cutoff = 0.00001

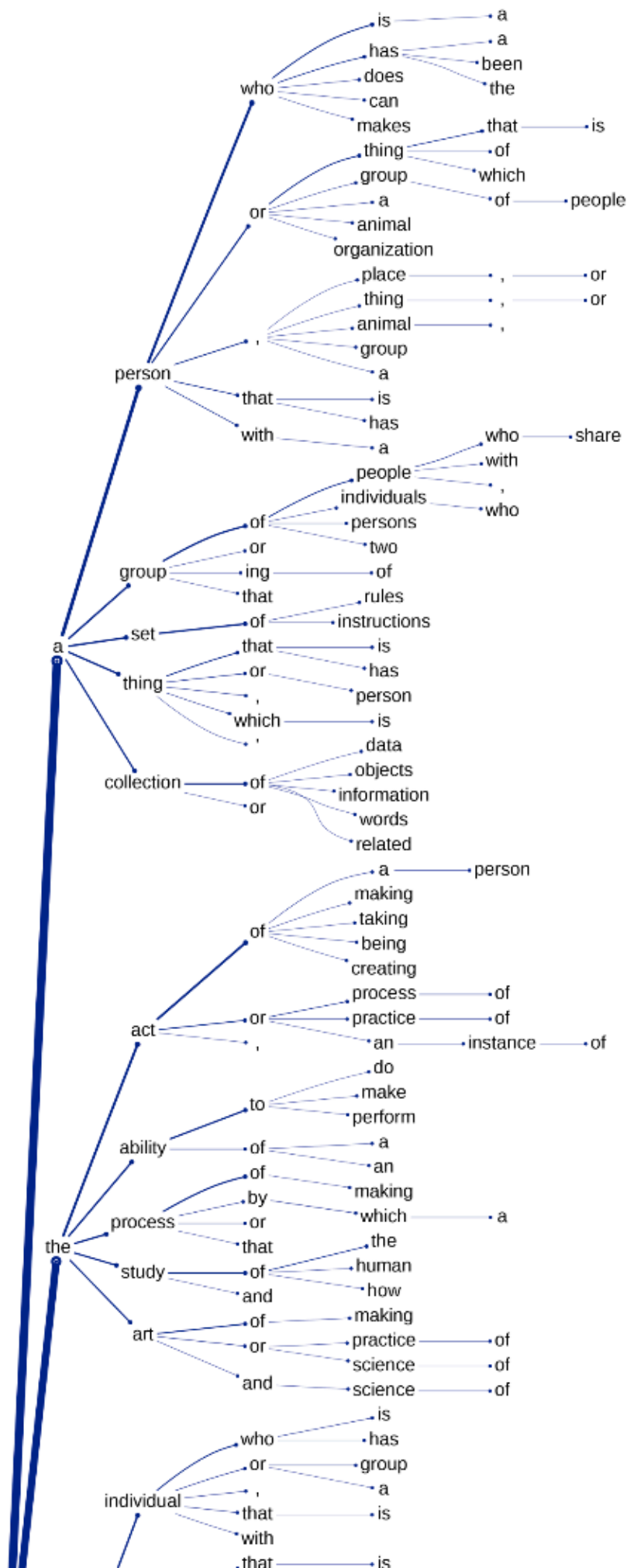


empty string definition tree and word cloud

Prompt: **A typical definition of " would be '**

top branch (greedily sampled definition): 'a person who is a member of a group or organization'

tree generated at cutoff = 0.00005



word cloud generated from definitions in [this more extensive cutoff = 0.00001 tree](#):



noken definitions

at various distances from centroid

distances from centroid

[0.01, 0.1, 0.25, 0.5, 0.75, 1, 1.25, 1.5, 2, 5, 10, 50, 100, 500, 1000, 5000, 10000]

DISTANCE 0.01

' is a person who is a person who is a person who is a person who is a person who x 50

DISTANCE 0.1

' is a person who is a person who is a person who is a person who is a person who x 23

' would be ' would be ' would be ' would be ' would be ' would be ' would be x 15

's's's's's's's's's' x 12

DISTANCE 0.25

'a person who is a member of a group or organization' x 22

'a person who is a member of a particular group or organization'

'to be a member of a group of people who are all in the same group'

'to be a member of a group of people who are in a relationship with each other'

'to be a person who is a member of a group of people who are all the same age, **x 2**
'to be a person who is a member of a group or organization' **x 21**
'to be' or 'to be able to' **x 2**

DISTANCE 0.5

'a group of letters, numbers, or symbols'
'a letter or letter combination that is used to represent a sound in a language'
'a person or thing that is not a person or thing'
'a person or thing that is the subject of a sentence or clause'
'a person who is a member of a group or organization' **x 8**
'a person who is a member of a particular group or class'
'a person who is not a member of a particular group or organisation' **x 2**
'a person who is not a member of a particular group'
'a person who is not a member of the family'
'a person who is not a member of the group' **x 2**
'a small hole or crack in a wall or other surface'
'a small, round, flat, hard, smooth, and shiny object'
'a small, round, flat, hard, smooth, shiny, and often coloured stone'
'a small, usually square, building, usually of stone, used as a dwelling or a farm building'
'a word or phrase that is used to introduce a new idea or thought'
'a word or phrase that is used to introduce a new topic or idea'
'across or through'
'between' or 'among'
'between', 'amongst', 'among', 'among', 'amongst',
'in the course of'
'of the form $x = y$ '
'of the nature of' or 'of the kind of'
'outside'
'the act of a person or thing' **x 3**
'the act of writing a letter'
'the distance between the Earth and the Sun'
'the first letter of the alphabet'
'the space between the end of one line and the beginning of the next line'
'the space between the letters of a word'
'the space between the two sides of a door'
'the time between the start of the current year and the end of the current year'
'to be or become' **x 4**
'to be, to exist, to be the case, to be the case'
'to or towards the end of'
'to'
'to'

DISTANCE 0.75

'a device for measuring the length of a straight line'
'a journey'

'a letter of the alphabet'

'a line drawn on a map or chart'

'a line of text that is used to separate two or more paragraphs'

'a long, narrow passage or opening'

'a message, a statement, a declaration, a proclamation, a declaration of intent, a declaration

'a musical instrument that is played by being struck with a hammer'

'a narrow strip of cloth, usually of silk, worn as a head-dress'

'a period of time' x 2

'a person who is a member of a religious order'

'a person who is a member of the British Royal Family'

'a person who is a member of the Roman Catholic Church'

'a person who is a member of the clergy'

'a place where people gather to talk about something'

'a place where something happens'

'a short letter or note sent to a friend or acquaintance, usually written in a casual style,

'a short message or note that is sent to someone'

'a short, sharp shock or jolt'

'a small distance'

'a small opening in a wall or ceiling'

'a small piece of land'

'a small piece of metal or wood used to mark the end of a piece of work'

'a small unit of measurement'

'a small, short, or insignificant thing'

'a small, unimportant, or trivial matter or thing'

'a small, usually round, piece of wood, metal, or plastic, used to cover a hole'

'a statement of the purpose of a document'

'a word or phrase that is used to introduce a topic or idea'

'a word that is used to make a word sound more formal'

'a written message, usually sent by a person to another person, which is intended to convey a message'

'outside the range of'

'the act of going from one place to another'

'the act of looking at something'

'the number of times a particular word appears in a text'

'the smallest unit of time'

'the time between the end of one event and the beginning of another'

'the time between two events'

'the top of a building or structure'

'to be or become'

'to come into being, to be born, to be created, to be brought into existence, to

'to go through a process of change'

'to go through a series of changes'

'to go'

'to increase in size or extent'

'to repeat something'

'to travel from one place to another' x 2

'to travel'

DISTANCE 1

'to go on a journey'

'a collection of objects that are related to each other'

'a flat, rectangular piece of metal, wood, plastic, or other material, used to cover

'a hole in the ground'

'a hollow, concave, or recessed area'

'a journey of a thousand miles begins with a single step'

'a journey or a series of journeys'

'a journey or a trip'

'a journey or a voyage'

'a large, open space, usually with a roof, used for public assembly and entertainment'

'a long narrow box-like structure'

'a number of people'

'a person who is a member of a group or organization' **x 2**

'a person who is a member of a religious order' **x 2**

'a person who is a member of the clergy' **x 2**

'a person who is a specialist in a particular field'

'a piece of furniture that is used to support a bed or a mattress'

'a piece of music that is played on a violin'

'a piece of paper or a sheet of paper'

'a piece of wood or metal used to support something'

'a place where one goes to rest or sleep'

'a road or street that runs from one place to another'

'a short note or message written on a piece of paper and placed in a public place, usually a

'a short, informal letter, usually written to someone you know well, but not necessarily a friend.'

'a small hole in the ground' x 2

'a small hole in the wall'

'a small room or chamber'

'a small, narrow, or short-lived thing'

'a small, round, flat, hard, smooth, and shiny object'

'a small, short, or insignificant thing'

'a small, unimportant thing'

'a small, usually round, hard object'

'a small, usually round, metal or wooden object used to hold a candle or other light source'

'a straight line'

'an opening in a wall, door, or window'

'the last letter of the alphabet'

'the time between two events'

'to be in a state of being' **x 2**

'to be or become a member of a group or class'

'to die for'

'to raise or lift up'

'to travel by air'

'to travel from one place to another'

'to visit or travel to a place'

'to walk or move about in a particular way'

DISTANCE 1.25

'a journey of a thousand miles begins with a single step'

'a line of text that is a link to another page on the same website'

'a small, round, hard, and usually smooth object, used for a variety of purposes, such

'a word or phrase that is used to introduce a quotation'

'a journey or a trip'

'a large, flat, open area of land, usually used for farming or grazing'

'a long, drawn-out, and tedious process'

'a long, narrow passage or street'

'a long, narrow, usually wooden, box-like structure, used for storing or carrying goods'

'a measure of length'

'a period of time'

'a person who is a member of a group of people who are related to each other'

'a person who is a member of a group'

'a person who is a member of a particular group or organisation' x 2

'a person who is a member of the 1960s counterculture'

'a place where people live'

'a short, sharp, sharp, sharp, sharp, sharp, sharp, sharp, sharp, sharp'

'a small amount of something'

'a small hill or mound of earth'

'a small opening in a wall or ceiling'

'a small piece of something'

'a small town in the province of Castile, Spain, in the vicinity of the city of Burg'

'a small, light, portable, hand-held device that is used to display text, images,

'a small, round, flat, disc-shaped object'

'a small, round, flat, hard, and usually smooth object'

'a small, round, flat, hard, smooth, and shiny object' x 2

'a small, round, hard, shiny, black stone'

'a small, round, hard, sweet fruit, used in making jellies and jams'

'a small, usually portable, device that is used to perform a particular function'

'a written account of a person's life'

'the act of sending a message to someone or something'

'the distance between the earth and the moon'

'the end of something'

'the smallest unit of time'

'the space between two lines of type'

'the whole of a book'

'to be in a state of being'

'to be in the midst of'

'to be or become' x 3

'to bring together'

'to make a noise'

'to make a rough estimate of'

'to move from one place to another'

'to move or cause to move'

'to or towards'

'to travel to a place that is unknown to you'

DISTANCE 1.5

'a short period of time, usually a few days or weeks, during which something happens or is done'

'a short period of time, usually a few days, during which a person or group of people are'

'a container for holding something'

'a gift of money or goods given to a person or family in recognition of a special occasion'

'a journey or a trip'

'a large rectangular piece of metal or wood'

'a large, flat-bottomed boat'

'a large, heavy, and awkwardly shaped stone'

'a large, heavy, solid, wooden table'

'a line of text that is used to separate the body of a document from the title of the document'

'a long, narrow, roofed, covered, or covered-in-walls building'

'a period of time during which something exists or happens'

'a period of time during which something happens'

'a period of time in which something happens'

'a period of time'

'a person who has been to the front line and has seen the horrors of war'

'a person who is a member of a church'

'a person who is a member of a jury'

'a person who is a member of a particular group or class'

'a person who is a member of a particular group or organization'

'a person who is a member of the Royal Family'

'a person who is a member of the armed forces'

'a person who is a member of the same family as another person'

'a person who is born in a particular place'

'a person who is not a member of the Royal Family'

'a place where people live' x 2

'a place where something happens' x 2

'a place where something is done or lived'

'a small letter used to represent a vowel sound'

'a small, round, hard, shiny, black stone'

'a small, short, or narrow opening'

'a small, usually round, piece of wood, metal, or plastic, used to cover a hole'

'a time when you are not feeling well'

'a tool for digging'

'a unit of measurement of energy'

'in addition to'

'the boundary between two things'

'the distance between the Earth and the Sun'

'the number of days between two dates'

'the part of the world that is north of the equator'

'the state of being alive'

'to be able to do something'

'to be open to the possibility of something'
'to be or become'
'to inform, to educate, to instruct, to inform, to instruct, to inform, to instruct'
'to move from one place to another'
'to travel from one place to another'
'to write a letter or a letter of the alphabet'

DISTANCE 2

'a person who is a member of a religious order'
'to be in two places at once'
'to travel from one place to another, especially on foot or by horseback, or to go from'
'a desire or ambition'
'a group of people who are all in the same boat'
'a group of people who are in a relationship with each other'
'a long period of time'
'a long, drawn-out, or tedious story'
'a number of times'
'a period of time during which something is available for use or consumption'
'a period of time in which something happens'
'a period of time'
'a person who is a member of a group'
'a person who is a member of a particular group or class'
'a person who is a member of a particular group or organization'
'a person who is a member of a religious order'
'a person who is a member of the International Monetary Fund'
'a person who is a member of the Roman Catholic Church'
'a person who is not a member of the opposite sex'
'a person who is present at a meeting or event'
'a place where something is done or happens'
'a place where you can find information about a particular subject' **x 2**
'a short, sharp shock'
'a short, sharp, sharp, sharp, sharp, sharp, sharp, sharp, sharp, sharp'
'a small hole in the ground'
'a small, flat, triangular piece of land, usually surrounded by water, used for the cultivation'
'a small, narrow, pointed, pointed-topped, or pointed-topped-and-'
'a small, round, flat, triangular piece of metal, usually of a particular shape, used
'a small, round, hard, brittle, and tough stone'
'a small, sharp, pointed instrument, used for cutting, piercing, or incising'
'a small, sharp, pointed object'
'a small, thin, flat piece of metal, wood, plastic, etc
'a small, usually round, piece of wood, metal or plastic, used to hold a piece of
'a thing that is not possible'
'a unit of weight'
'a word or phrase that is used to introduce a quotation'
'an event that is happening in the future'
'the distance between two points'
'the part of the body between the head and the hips'

'the smallest unit of measure for a given quantity'

'the space between the pages of a book or magazine'

'to be a member of a family or group of people who share a common background, culture, or

'to be in a state of being in a state of being in a state of being in a state

'to be in a state of being'

'to go beyond the limits of'

'to move around in a particular direction or manner'

'to open, to uncover, to reveal, to make known, to disclose, to make known,

'to take a ride on a horse'

'to visit'

DISTANCE 5

' a piece of cloth, a piece of metal, a piece of wood, a piece of stone,

'a group of people who are in a relationship with each other'

'a group of people who share a common interest or goal'

'a large, heavy, hard-to-handle object'

'a long, narrow, slender, pointed stick'

'a lot of'

'a part of a game that is played'

'a period of time during which something is in a particular state or condition'

'a period of time'

'a person who is a member of a group that is not a member of the group to which the

'a person who is in charge of something'

'a person who is very good at something'

'a person who is very tall and has a very long neck'

'a piece of paper with some writing on it'

'a place where people are willing to die for their country'

'a place where people live and work'

'a short period of time'

'a short, informal, often humorous, often ironic, usually unconnected series of sentences or paragraphs,

'a short, sharp, sharp sound'

'a shortened form of a name or word, usually used in a humorous or ironic way'

'a shortened form of the word 'intention''

'a small amount of alcohol consumed in a short period of time'

'a small amount of something' x 2

'a small piece of meat'

'a state of being in which something is not in a normal condition'

'a thing that is done or made by a person or people'

'a word or phrase that is used to fill a blank in a sentence'

'not at all'

'the act of a person or thing that is typical of or characteristic of another person or thing'

'the amount of space between the letters in a word'

'the amount of time it takes to get to the end of a road'

'the person or thing to which something belongs'

'the person who is in charge of a ship'

'the space between the ears' and 'the space between the eyes'

'the space between the two lines of type'
'the state of being unadorned or unadorned'
'the sum of all the light that reaches the eye from a particular source'
'the whole of something'
'to be a waste of time'
'to be in a state of being' x 2
'to be in a state of disorder or confusion'
'to be in a state of doubt or uncertainty'
'to be or to become'
'to go away'
'to make known'
'to move in a circular motion'
'to order or command'
'to stand on one's head'

DISTANCE 10

'I am a person who is very good at doing something'
'a collection of related items, usually in a particular order, that are used to provide information or instruction'
'a group of people who are all doing the same thing'
'a large amount of something'
'a period of time during which something is not available'
'a person who has been dead for a long time'
'a person who has been to the top of the mountain and back'
'a person who is a member of a particular group or organization' x 2
'a person who is able to make a living by writing'
'a person who is not a member of the family'
'a person who is not a member of the group'
'a person who is not a professional'
'a request to the user to send a message to the server'
'a short, sharp shock'
'a small amount of something'
'a small boat used for inshore fishing'
'a small hole in a piece of wood'
'a small hole in the ground'
'a small part of something'
'a small, round, flat, hard, smooth, and shiny object'
'a small, thin, light, and flexible piece of metal or plastic that is used to hold together'
'a small, usually round, piece of wood, metal, or plastic, used to hold a piece'
'a thing that is done before the main thing'
'a word or phrase that is used to express a wish or desire'
'the ability to do something'
'the act of a person or thing that is unique or special'
'the act of looking at something'
'the act of saying something'
'the first letter of a word'
'the highest level of a hierarchy'

'to write a letter or a message'

'a person who is not a member of the group of people who are called 'the people of the

'a person who is not a member of the group' x 3
 'a person, place, or thing that is the subject of a sentence'
 'a set of objects that are related to each other by a common attribute'
 'a set of rules that governs the way in which a particular game is played'
 'a short, sharp shock'
'a small piece of wood or metal that is used to hold something together'
'a small, thin, flat, rectangular piece of metal, wood, plastic, or other material'
 'a word or phrase that is used to identify a particular thing or idea'
 'the act of a person who is in a relationship with someone else, but who is not married to'
 'the act of a person who is not a member of the group of people who are the subject of'
 'to be in a state of activity or excitement'

DISTANCE 100

'a group of people who share a common interest or goal'
 'a person or thing that is not a person or thing'
 'a person or thing that is the same as another person or thing'
 'a person or thing that is the subject of a verb'
 'a person or thing that is typical of a group or class'
 'a person or thing that is typical of its kind or category'
 'a person or thing that is typical of something else or its class'
 'a person who is a member of a group of people who are all the same' x 2
 'a person who is a member of a group of people who share a common culture, religion, or'
 'a person who is a member of a group or organization' x 10
 'a person who is a member of a group' x 3
 'a person who is a member of the '
'a person who is a member of the British Royal Family'
'a person who is a member of the British royal family' x 2
 'a person who is not a member of a particular group or class'
 'a person who is not a member of a particular group or organization'
 'a person who is not a member of a particular group'
'a person who is not a member of the British royal family'
 'a person who is not a member of the armed forces' x 3
 'a person who is not a member of the group' x 4
 'a person who is not a member of the opposite sex'
 'a person, place, or thing that is the subject of a sentence'
 'a person, thing, or group that is the subject of a sentence'
 'a place where people can meet and talk'
 'a small piece of paper with a number on it'
 'a thing that is done or performed'
 'a thing that is typical of something or someone'
 'a word or group of words that has a meaning'
 'the act of a person or thing that is not a person or thing' x 2
'the first letter of the alphabet'
'the number of letters in the alphabet'

DISTANCE 500

'a person or thing that is not a person or thing' x 2
'a person or thing that is the subject of a verb'
'a person or thing that is typical of its kind or category' x 2
'a person or thing that is typical of its kind'
'a person who is a member of a group or organisation' x 10
'a person who is a member of a group' x 7
'a person who is a member of a particular group or organization'
'a person who is a member of a particular group or society'
'a person who is a member of the British royal family'
'a person who is a member of the group of people who are the same as the person who is
'a person who is in charge of a group of people'
'a person who is not a member of a particular group'
'a person who is not a member of any political party'
'a person who is not a member of the family' x 5
'a person who is not a member of the opposite sex' x 2
'a person, place, or thing that is the subject of a sentence or clause'
'a thing that is used to do something'
'a thing that is'
'a word or phrase that is used to identify a particular person, place, or thing' x 2
'a word or phrase that is used to identify a particular thing or idea'
'a word or phrase that is used to identify a person, place, or thing'
'the act of a person or thing that is typical of or characteristic of a group or category of people'
'the character string that is the delimiter between two consecutive characters in a string'
'the first letter of the Greek alphabet'
'the first letter of the alphabet' x 2
'the set of all sets that are not members of themselves'

DISTANCE 1000

'a person or thing that is the cause of something'
'a person or thing that is the subject of a verb'
'a person or thing that is the subject of an action or event'
'a person or thing that is typical of a class or group of people or things'
'a person or thing that is typical of a group or category' x 2
'a person or thing that is typical of its kind or category' x 2
'a person who is a member of a group or organization' x 10
'a person who is a member of a group' x 6
'a person who is a member of a particular group or organization' x 2
'a person who is a member of a particular group'
'a person who is a member of the clergy'
'a person who is a member of the family of the person named in the first part of the definition'
'a person who is not a member of a particular group'
'a person who is not a member of the House of Lords'
'a person who is not a member of the clergy' x 3
'a person who is not a member of the family of the person who is a member of the family'
'a person who is not a member of the public'

'a person, animal, or thing that is the subject of a particular action or situation'
'a person, place, or thing' x 2
'a small piece of paper or paperboard with writing on it'
'a thing that is used to produce or accomplish something'
'a word or group of words that have a specific meaning and are used in a specific context'
'the act of a person or thing that is the subject of a verb'
'the act of a person or thing'
'the act of looking at something'
'the first letter of the Greek alphabet'
'the first letter of the alphabet' x 3
'the first letter of the first word in the first line of a poem'
'the set of all sets'

DISTANCE 5000

'a group of people who are interested in a particular subject or activity'
'a human being who is not necessarily a man, woman, or child, but has to do with'
'a number that is the same as the number of the number 1'
'a person or thing of no importance'
'a person or thing that is the subject of a particular action or situation'
'a person or thing that is the subject of a sentence or clause'
'a person or thing that is the subject of a verb'
'a person or thing that is typical of a class or group'
'a person or thing that is typical of a group or class'
'a person or thing that is typical of its kind or category'
'a person or thing that is typical of its kind or class'
'a person or thing that is typical'
'a person who is a member of a group of people who are all the same in some way'
'a person who is a member of a group of people who are all the same'
'a person who is a member of a group of people who have a common interest or activity' x 3
'a person who is a member of a group or organization' x 8
'a person who is a member of a group' x 4
'a person who is a member of a particular group or class'
'a person who is a member of a particular group or organization' x 2
'a person who is a member of a particular group or society'
'a person who is a member of a particular group'
'a person who is a member of the House of Lords'
'a person who is a member of the royal family'
'a person who is not a member of the family' x 3
'a person who is not a person'
'a person who is very good at something'
'a person, place, or thing that is the subject of a sentence'
'a person, place, or thing'
'a single letter or word'
'a single, indivisible unit of a thing, such as a person, family, or group'
'a word or group of words that are used to describe a particular thing or idea'
'a word or phrase that is used to represent a concept'
'the first letter of the alphabet'

'the set of all sets that are not members of themselves' x 2

DISTANCE 10000

'a group of people who share a common interest or goal'

'a number of people'

'a person or thing that is not a person or thing'

'a person or thing that is the subject of a verb' **x 2**

'a person or thing that is typical of a class or group of things'

'a person or thing that is typical of a group or class'

'a person who is a member of a group of people who are all the same as each other,

'a person who is a member of a group of people who are in a particular place at a particular

'a person who is a member of a group of people who have a common interest or activity'

'a person who is a member of a group or organization' **x 10**

'a person who is a member of a group' **x 6**

'a person who is a member of a particular group or organization' **x 2**

'a person who is a member of a particular profession or trade'

'a person who is a member of the British royal family'

'a person who is a member of the royal family'

'a person who is not a member of the clergy'

'a person who is not a member of the family' **x 4**

'a person who is not a member of the opposite sex'

'a person who is not a member of the royal family'

'a person who is not a person'

'a person, thing, or idea that is typical of a group, class, or category'

'a set of characters that can be used to represent a specific language'

'a thing that is used to make something else'

'a' or 'a' or 'a' or 'a' or 'a' or '

'the act of a person or thing that is not a person or thing'

'the act of looking at something and saying, "I don't see anything to be afraid of

'the empty set'

'the first letter of the Greek alphabet'

'the first letter of the alphabet' x 2

'the thing that is not'