

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>		<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>
1	Silas	Emma	Landon	Camila	Vincent	1	Aaliyah	Bryson	Giovanni	Kevin	Oliver
2	Kimberly	Olivia	Jonathan	Nolan	Jase	2	Aaron	Caleb	Grace	Khloe	Olivia
3	Reagan	Noah	Levi	Zachary	Eleanor	3	Abel	Camden	Grant	Kimberly	Owen
4	Jonah	Sophia	Victoria	Penelope	Mateo	4	Abigail	Cameron	Grayson	Kingston	Paisley
5	Hazel	Liam	Jaxon	Gabriella	Maxwell	5	Adalynn	Camila	Greyson	Kylie	Parker
6	Antonio	Mason	Julian	Claire	Melanie	6	Adam	Carlos	Hadley	Landon	Patrick
7	Colin	Isabella	Aubrey	Easton	Naomi	7	Addison	Caroline	Hailey	Lauren	Penelope
8	Richard	Jacob	Grace	Blake	Faith	8	Adrian	Carson	Hannah	Layla	Peyton
9	Hayden	William	Isaiah	Jaxson	Eva	9	Aiden	Carter	Harper	Leah	Piper
10	Clara	Ethan	Eli	Aaliyah	Katherine	10	Alan	Charles	Harrison	Leo	Preston
11	Sydney	Ava	Zoey	Sadie	Miles	11	Alejandro	Charlotte	Hayden	Leonardo	Quinn
12	Ashton	Michael	Aaron	Cooper	Micah	12	Alex	Chase	Hazel	Levi	Reagan
13	Trinity	Alexander	Charles	Lincoln	Lydia	13	Alexa	Chloe	Henry	Liam	Richard
14	Natalia	James	Connor	Riley	Brianna	14	Alexander	Christian	Hudson	Liliana	Riley
15	Steven	Daniel	Natalie	Skylar	Julia	15	Alexandra	Christopher	Hunter	Lillian	Robert
16	Axel	Elijah	Cameron	Xavier	Sawyer	16	Alexis	Claire	Ian	Lilly	Roman
17	Valentina	Benjamin	Thomas	Bentley	Ashley	17	Alice	Clara	Isaac	Lily	Ruby
18	Rylee	Logan	Addison	Nora	Khloe	18	Allison	Cole	Isabella	Lincoln	Ryan
19	Jocelyn	Mia	Lillian	Kayden	Jesus	19	Alyssa	Colin	Isabelle	Logan	Ryder
20	Maria	Aiden	Jordan	Sarah	Max	20	Amelia	Colton	Isaiah	London	Ryker
21	Miguel	Jayden	Jeremiah	Hailey	Roman	21	Andrea	Connor	Ivan	Lucas	Rylee
22	Kaleb	Matthew	Brooklyn	Carson	Leonardo	22	Andrew	Cooper	Jace	Lucy	Sadie
23	Aurora	Emily	Lily	Kaylee	Santiago	23	Angel	Cora	Jack	Luis	Samantha
24	Bryan	Jackson	Nicholas	Paisley	Madeline	24	Anna	Damian	Jackson	Luke	Samuel
25	Eliana	David	Evan	Kennedy	Cole	25	Annabelle	Daniel	Jacob	Lydia	Santiago
26	Preston	Lucas	Adrian	Ellie	Carlos	26	Anthony	David	James	Mackenzie	Sarah
27	Jayce	Joseph	Gavin	Peyton	Bryson	27	Antonio	Declan	Jameson	Maddox	Savannah
28	Ryker	Abigail	Robert	Annabelle	Ruby	28	Aria	Delilah	Jase	Madeline	Sawyer
29	Victor	Anthony	Brayden	Caroline	Ezra	29	Ariana	Diego	Jasmine	Madelyn	Scarlett
30	Patrick	Andrew	Grayson	Brody	Sophie	30	Arianna	Dominic	Jason	Madison	Sebastian
31	Joel	Samuel	Hannah	Madelyn	Brantley	31	Asher	Dylan	Jaxon	Makayla	Serenity
32	Brielle	Gabriel	Layla	Serenity	Braxton	32	Ashley	Easton	Jaxson	Marcus	Silas
33	Liliana	Joshua	Josiah	Asher	Declan	33	Ashton	Edward	Jayce	Maria	Skylar
34	Grant	John	Colton	Aubree	Eric	34	Aubree	Eleanor	Jayden	Mary	Sofia
35	Emmett	Carter	Austin	Lucy	Alexandra	35	Aubrey	Elena	Jeremiah	Mason	Sophia
36	Mary	Luke	Angel	Nathaniel	London	36	Audrey	Eli	Jeremy	Mateo	Sophie
37	Elena	Dylan	Jace	Alexa	Kaiden	37	Aurora	Eliana	Jesus	Matthew	Stella
38	Alejandro	Christopher	Dominic	Alexis	Giovanni	38	Austin	Elias	Jocelyn	Max	Steven
39	Marcus	Madison	Scarlett	Nevaeh	Theodore	39	Autumn	Elijah	Joel	Maxwell	Sydney
40	Molly	Charlotte	Aria	Stella	Harrison	40	Ava	Elizabeth	John	Maya	Taylor
41	Jameson	Isaac	Kevin	Violet	Alex	41	Avery	Ella	Jonah	Melanie	Theodore
42	Edward	Harper	Zoe	Genesis	Diego	42	Axel	Ellie	Jonathan	Mia	Thomas
43	Kingston	Sofia	Brandon	Mackenzie	Wesley	43	Ayden	Emily	Jordan	Micah	Timothy
44	Jude	Avery	Tyler	Ryder	Bryce	44	Bailey	Emma	Jordyn	Michael	Trinity
45	Makayla	Elizabeth	Samantha	Bella	Lauren	45	Bella	Emmanuel	Jose	Miguel	Tristan
46	Maddox	Oliver	Parker	Autumn	Gianna	46	Benjamin	Emmett	Joseph	Mila	Tyler
47	Abel	Henry	Anna	Mila	Ivan	47	Bennett	Eric	Joshua	Miles	Valentina
48	Lilly	Sebastian	Ayden	Justin	Isabelle	48	Bentley	Ethan	Josiah	Molly	Victor
49	Emmanuel	Caleb	Leah	Leo	Alice	49	Blake	Eva	Juan	Morgan	Victoria
50	Andrea	Owen	Audrey	Kylie	Vivian	50	Brandon	Evan	Jude	Naomi	Vincent
51	Quinn	Ryan	Jason	Maya	Greyson	51	Brantley	Evelyn	Julia	Natalia	Violet

Today's New Formulas:

INDEX(array, row_num, [column_num])

MATCH(lookup_value, lookup_array, [match_type])

VLOOKUP(lookup_value, table_array, col_index_num, [range_lookup])

	A	B	C	D
1				
2		Mountain	Height (m)	Height (ft)
3		Mount Everest / Sagarmatha / Chomolungma	8,848	29,029
4		K2 / Qogir / Godwin Austen	8,611	28,251
5		Kangchenjunga	8,586	28,169
6		Lhotse	8,516	27,940
7		Makalu	8,485	27,838
8		Cho Oyu	8,188	26,864
9		Dhaulagiri I	8,167	26,795
10		Manaslu	8,163	26,781

- 1) Find the height (in meters) of Makalu using VLOOKUP
- 2) Find the height (in feet) of Manaslu using VLOOKUP
- 3) Use INDEX to find the name of the sixth highest mountain!
- 4) Use INDEX to find the height of the second highest mountain!

- 5) Write a formula to determine what position (line) Lhotse is in
- 6) Write a formula to determine what position (line) Makalu is in
- 7) What will be the result of this formula?
=INDEX(C:C,MATCH("MANASLU",B:B,0))
- 8) Now use INDEX and MATCH to find out which mountain is 8188m high!
- 9) Rewrite the table in a way that allows us to use VLOOKUP in binary search mode. You may abbreviate the mountain names.

	A	B	C
2		Mountain	Height (m)
3			
4			
5			
6			