

8.F High School Graduation

Task

The SLV High School graduation started at 1:00PM. After some speeches, the principal started reading off the names of the students, alphabetically by last name. When he finishes, the graduation will end.

- Use the bulletin shown below to estimate when the graduation will end.

**San Lorenzo Valley High School
Class of 2011**

Micah Stephen Adams	Amber Anne Chase	Nicholas Gregory Hargraves	Matthew Alexander Lipperd
Xavier Josue Alvin	Faye Elise Chavez	Alexander Samuel Harnett	Madeline Elizabeth Lopez
Connor James Antisdell	David Thomas Chesus	David Michael Hart	Emily Marie Madison
David Zachary Baker	<u>Zoe Darlene Chinn</u>	Melissa Lorraine Harvey	Rebecca Lynn Makita
Bradley Garrett Barnard	Emily Elizabeth Clements	Olivia Louise Herrera	Savanna San Mangelsen
Joseph Barnes	Claire Elizabeth Cloud	Kasia Adair Hill	Zane Michael Markham
James Alexander Barnes	Steven Dennis Connelly	Ludmila Eliana Hipsley	Alfredo Martinez
Michael Barton	Conor Thomas D'Amato	Jazelle Gina Hooper	Tyler Cameron Mattson
Sarah Raisha Beasley	Cassandra Suzanne Davis	Mariah Donna May Hopkins	Wayne Thomas McCarthy
Allison Rose Beasley	Lauren Marie Dempewolf	Lindsey Marie Hoppin	Theos Christopher McClish
Emily Anne Bechtie	Blake Bradley Dennis	Bryn Kathryn Horton	Annelise Marie McFarland
Brandon Scott Beevers	Jake Madison Debreuil	Thomas John Housek	Alexander Michael McIntosh
Patrick Fereva Belardi	Shannon Elaine Eisner	Ellen Joanne Innis	Dominique Sharee McIntosh
Kaitlyn Ella Benson	Emily Anne Engel	Jordan Isaacson	Victoria McKenzie
Jordan Starr Thomas Bereman	Samantha Marie Ferguson	Joseph Clifford Jansen	Violett Josette McNally
Taylor Renee Foster Berritto	Dominique Angelina Jones	Allison Kirstine Janus	Kendra Dee Messimer
Ashley Michelle Ann Billington	Cherina Marie Freitas	Nettie Pearl Mitchell Johnson	Marisa Grace Brudnick
Morgen King Biswa	Anju Friend	Lacey Marie Johnson	Sage Nicole Monack
Jaclyn Kate Black	Nathaniel Justin Fruzza	Felipe Johnson	Thomas Ocean Moreno
Xitlali Borreson	Mariah Nichole Galmez	Shelby Danielle Johnson	Rainbow Roxanne Muchamuel
Chere Nicole Brandon	Robin Lavendar Garcia	Zachary David Johnson	Nicholas Jefferey Newberry
Sydney Lauren Garcia Breiil	Ronja Andrea Franklin	Dakota Shea Jones	George Austin Norfleet
Curtis Martin Brewer	Mason Garrett	Tanner William Jones	Travis James Nugent
Katherine Evelyn Brown	Kayle Anne Genis	Clara Joy Kamau	Joseph Carl Olson
Annika Bruce	Melanie Lauren Gleim	Mia Anne Kellogg	Lacie Marie Orlando
Amanda Lynn Bruce	Andrea Serena Godbout	Maxine Elaine Kelly	Mary Elaine Ivy Orr
David Michael Burgler	Angela Gonzales	Ryan Scott Kennedy	Austin Leonard Overton
Jourdan Donovan Burk	Chloe Chandler Coedreau	Jenny Rae Kersten	Haley Lauren Pace
Nicholas Ryan Burks	<u>Dakota Makua Gorman</u>	Andrew Benjamin King	James Evan Paolini
Joseph Thomas Burton	Dontae Jessie Greer	Russell Theodore Klair	Timothy William Parker
McLean Avery Camacho	Michael Marie Grindy	Zachariah Waya Tsgifi Klus	Carson Taylor Paynter
Alexander Austin Campbell	Erin Cassidy Grosword	Christina Rose Knoll	Zachary Alan Peabody
Jason William McGregor	Krista Marie Grunberger	Jessica Danielle Kraft	Katrina May Pearce
Taylor James Casey	Tyler Alan Hagen	Jessica Ann Lacy	Samuel Jackson Pelphrey
Kory Daniel Chadwick	Hazel Gladys Jane Haikkila	Joseph Allan Landry	Chandler Elizabeth Perazzo
Audrey Elizabeth Chapin	Marcus Taylor Halversen	Abbie Mae Leveque	Sebastian Thomas Peterson

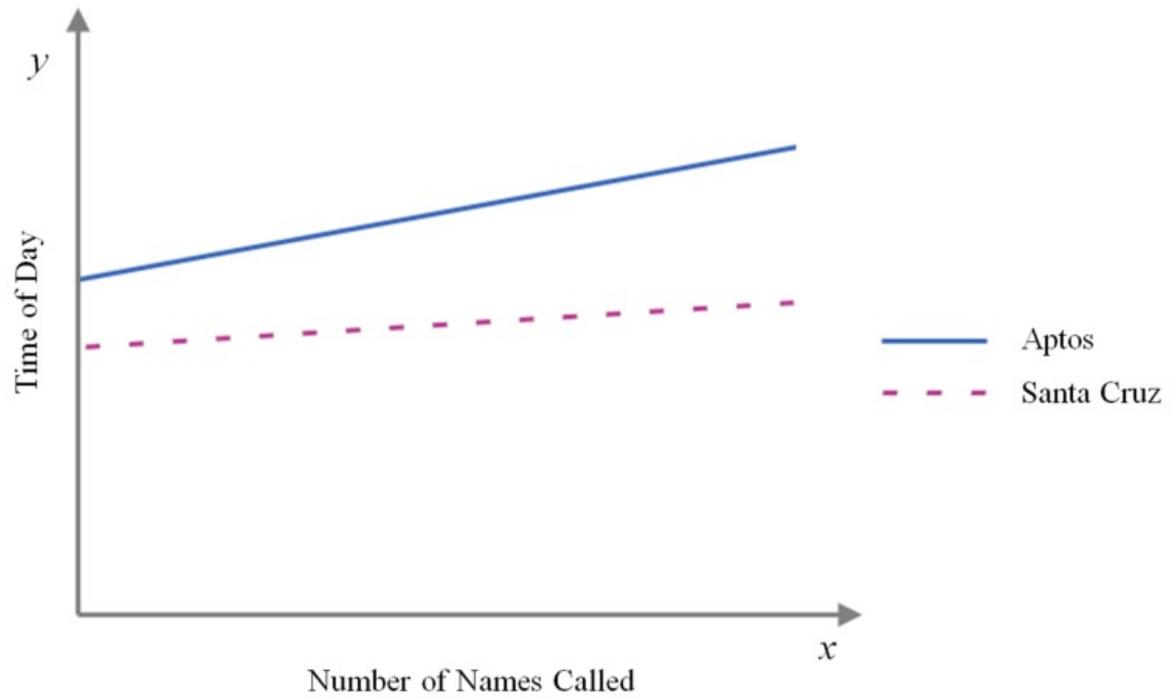
**San Lorenzo Valley High School
Class of 2011**

Hannah Mae Petras	Rachel Ana Unti	Graduation coordinators:	Class President - Hazel Haikkila
Rachael Danielle Pfister	Natalie Vernazza		Vice President - Lindsey Hoppin
Jesse Dean Phillips	Rochelle Whitney Viele		Secretary - Morgen Biswa
Saree Iris Potter	Carson Alexander Walker		Treasurer - Bradley Barnard
Kirstin Jane Prather	Daniel Herrera Wetterhorn		
Haley Brooke Prunella	Quilian Arthur White	Principal	Michael Billings
Brittany Lynette Ramirez	Jessica Lynn Whitehill	Assistant Principal	Keri Arredondo
Sondra Marie Raymond	Stephanie Anne Wildman	Counselors	Leslie Ebbage
Nathan Dawes Reader	Jessica Kayla Wood		Noreen Rorden
Kristy Marie Rector	Alajha Kathleen Wyllie		Annabel Nolan
Sergio Aldo Ringelman	Peter Francis Zavaroni		Jeff Burns
Christopher Ross Rinkert		Board of Trustees	Kip Dakota, President
Joshua David Roberts			Lea Tellez, Clerk
Lara Elaine Rodriguez			Laura Ritchie, Trustee
Brandon Bouchard Ruiz			Kathy Wylie, Trustee
Kaiya Irene Salangsang			George Dolson, Trustee
Erik Mark Sanchez		Superintendent	Julie Belardi
Fiona Darlene Sans		Director Student Activities	Leslie Ebbage
James Trevor Sawyer		Program cover artwork	Shannon Haff '11
Jared Warrior Schell			
Lisi Melissa Sherrell			
Jessica Marie Simonson			
Megan Danielle Skrabak			
David Tayamen Sladwick			
Logan James Smith			
Elizabeth Smith			
Dillon Sean Sohoza			
Nicolas Aaron Sovulewski			
Miles Random Staggs			
Bruce Louis Steinberg			
Matthew McCrea Stewart			
Kelsey Anne Stiller			
Daniel Todd Sutton			
Deanna Marie Tindell			
Arianna Jordan Townsend			
Joseph Ryan Tumbale			

b. Estimate how long the speeches took. How do you know?

c. Write an equation that the parents could use to find the approximate time the principal will call their child's name given the child's position in the list in the graduation program.

d. Aptos High School and Santa Cruz High School started their graduations at the same time. The graphs shown below show the time of day as a function of the number of names the principal has read at each school. Write down as many differences between the two graduations as you can based on differences in the two graphs. Give your reasons for each.



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