

Sorting Books

Every year, the Cooperative Children's Book Center (CCBC) collects data about children's books published. You volunteered to help collect data.

Part 1

For 2016, they sent you a random sample of ten books to organize. You need to sort these books into two boxes:

1. Books about white characters
2. Books about characters of Color [Black, Native American, Asian (American), Latinx]

Show *all* the ways that the ten books could possibly be sorted into the two boxes.

Part 2

Predict: Look at all the ways you came up with. Based on what you know about children's books, *which of the possibilities do you think is most likely for 2016?*

Part 3

Explore: Look at some recent data from the CCBC (<http://bit.ly/2kUVOpP>). Use your understanding of percentages to complete the data tables.

Year	Total Books (received by CCBC)	Books About People of Color	% of Books About People of Color	Books About white People	% of Books About white People
2015	3,400	510	15.0		
2014	3,500	396	11.3		
2013	3,200	253	7.9		
2012	3,600	271	7.5		
2011	3,400	300	8.8		
2010	3,400	308	9.0		
2009	3,000	331	11.0		
2008	3,000	389	13.0		

Look back at your prediction in Part 2. How does it compare to these data? Which of your scenarios do you think is most likely for 2016? Explain why you changed or didn't change your prediction.

Based on 2010 Census data, the US population can be broken down as follows:

white	63.7%
Black	12.2%
Asian/Pacific Islander/Asian American	4.9%
Native American	0.7%
Hispanic/Latinx	16.4%
Other	2.1%

Do you think that books published in 2010 accurately represent the population in the United States? Explain your reasoning.