

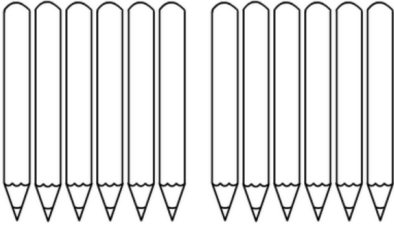
Pencil Supplies



At the beginning of the year, each student started out with 12 brand new pencils. Half-way through the year, their teacher asked each student to report how many pencils they had used so that she could estimate if they would have enough for the rest of the year. Below is a chart of each student and what fraction of the pencils they used.

Student Name	Fraction of Pencils Used	Number of Pencils They Started With	Exact Number of Pencils Used
Stephanie	$\frac{6}{12}$	12	
Andre	$\frac{1}{4}$	12	
Mohammed	$\frac{1}{6}$	12	
Amber	$\frac{1}{3}$	12	
Ernesto	$\frac{2}{2}$	12	
Kirsten	$\frac{1}{12}$	12	
Samantha	$\frac{3}{4}$	12	

Determine how many pencils each student used through the first-half of the year. Use manipulatives, drawings, words, and numbers to explain your thinking. Do you think they will have enough pencils to make it through the rest of the year? Why or why not?



<https://best-clipart.com/pencils/black-and-white-six-pencils.png> Building for Math Strength created by Stephanie Kessinger