

### Cookie Toppings

Hector and Emilio love volunteering at the local bakery. They especially love that the baker allows them to eat the leftover cookie toppings that don't make a full batch of cookies. Chocolate chips, butterscotch morsels, and sprinkles are the featured toppings of the day. The chart below shows the total amount of each topping and the amount needed for one batch of cookies.



Topping	Total Amount	Amount per Batch
Chocolate Chips	$5\frac{1}{2}$ cups	$\frac{1}{2}$ cup
Butterscotch Morsels	$5\frac{1}{2}$ cups	$\frac{3}{4}$ cup
Sprinkles	$3\frac{1}{2}$ cups	$\frac{1}{4}$ cup

- 1) Based on this information, how many batches of cookies can they make with each topping? Show your strategy using pictures, words, and symbols.

Number of Batches		
Chocolate Chips	Butterscotch Morsels	Sprinkles

- 2) Which topping will Hector and Emilio be allowed to eat? What **fraction of a batch** of that topping will be left over? What **fraction of a cup** of that topping will be left over? Provide evidence to support your reasoning.