Math Detective® A1 Operations Math Detective® A1

## 16—The Best Pancake Recipe

<sup>1</sup>Olga is having eleven friends over for a slumber party. <sup>2</sup>She wants to make her mom's best pancake recipe. <sup>3</sup>This is the recipe:

- 1 c flour
- 1 c buttermilk
- $1\frac{1}{3}$  T sugar
- 1 t baking powder
- $\frac{1}{2}$  † baking soda
- $\frac{1}{2}$  t salt
- 1 T vegetable oil
- 1 egg

<sup>4</sup>Combine the flour, baking powder, baking soda, salt, and sugar in a medium bowl. <sup>5</sup>Then, add the buttermilk, egg, and oil. <sup>6</sup>Mix by hand until blended. <sup>7</sup>The batter will be lumpy. <sup>8</sup>Heat a little oil in a skillet on medium heat. <sup>9</sup>When the oil is hot, pour the mixture and flatten each pancake a little with a spoon. <sup>10</sup>Turn only when the edges look done and bubbles begin to form on the top, which allows it to hold together. <sup>11</sup>Enjoy with pure maple syrup! <sup>12</sup>Makes nine 4-inch pancakes (serves 3-4 people).

<sup>13</sup>Olga's mom reminds her that 1 tablespoon (T) is the same as 3 teaspoons (t). <sup>14</sup>She also reminds Olga that four cups of liquid is the same as one quart.

## Questions

1.	Give the number of the sentence that tells you how many friends are coming to the slumber party How many friends are coming?
2.	If each person eats 3 pancakes, how many people can eat from this recipe? Give the number of the sentence that provides the best evidence for you answer
3.	If each person including Olga eats 3 pancakes, how many pancakes should Olga make?
4.	By how much should Olga multiply this recipe to have enough pancakes? Use a complete sentence.

5.	5. Change the recipe to make three pancakes for each of the twelve children.		
	flour	baking soda	
	buttermilk	salt	
	sugar	vegetable oil	
	baking powder	eggs	
6.	What fraction of a dozen eggs will Olga need for the new recipe?		
7.	. How many quarts of buttermilk will she need for the new recipe? Give the number of the sentence that provides the best evidence for your answer		
8.	How many tablespoons of baking powder will be needed for the new recipe? Give the number of the sentence that provides the best evidence for your answer 		
9.	<ol> <li>Olga mixed the flour with the buttermilk and then added the other ingredients.         Did Olga follow the instructions in the recipe? Use complete sentences explain your thinking.     </li> </ol>		
10.	when Olga turned her first pane	es that provide the best evidence for your cake, the pancake fell apart! What do you complete sentences to explain your thinking	
	Give the number of the sentence that	provides the best evidence for your answer.	