Table 1
Story Problems to Help Children Understand Numbers to 100

	Grouping Problems	Problems to Decompose Numbers Into 10's and 1's
Problems Posed	• *Multiplication (10 in each group):* There are 5 vases of flowers. There are 10 flowers in each vase. How many flowers are there? • *Addition (around 10):* There are 10 cows, 10 horses, and 10 pigs on the farm. How many animals are there?	• *10 + a single-digit number:* There are 10 butterflies. 6 more come. How many butterflies are there? • *Subtracting from a teen to get 10:* There are 19 giraffes eating. 9 walk away. How many giraffes are still eating?
Potential Extensions	• *Division (Grouping by 10's):* You have 50 stamps to put in your stamp book. Each page holds 10 stamps. How many pages will you need? • *Grouping by multiples of 10:* The teacher has 2 new boxes of markers, and each box has 30 markers. How many markers does the teacher have? The clown had 20 blue balloons, 20 red balloons, and 20 yellow balloons. How many balloons did the clown have? • *Mixing 10's and 1's:* *(beginning with a decade number)* Aisha has 3 bags of candy. Each bag has 10 pieces. She also has 4 loose pieces of candy. How much candy does Aisha have? On Monday, Alicia earned 10 citizenship points. On Tuesday, she earned 10 more points. On Wednesday, she earned 11 points. How many points has she earned? • *Mixing 10's and 1's:* *(beginning with a non-decade number)* The class counted 22 watermelon seeds. Then they counted seeds from 3 more watermelon pieces, and each had 10 seeds. How many seeds did they count in all? Michael has $23 in his piggy bank. He earned $10 on Saturday and $10 on Sunday. How much money does he have now?	• *Decade number (greater than 10) + a single-digit number:* Raphael had 40 toy cars. His uncle gave him 6 more toy cars for his birthday. How many toy cars does Raphael have now? • *Subtracting a single-digit number from a non-decade number (greater than 20) to get a decade number:* There are 34 butterflies. 4 fly away. How many butterflies are left?