

I've had some how many of my classmates are familiar with a book called "Beetles" by Stuart J. Murphy, one of my many favorites written by Murphy. This book is a great book to read to elementary students specifically grades 4 through 7. In this book we learn about how their estimating skills and along the way they discover that their estimating powers have increased as they enter a contest. This book can be combined with a lesson plan like the jelly beans in a jar lesson. Teachers could read the book to their class. While reading, discuss the numerous situations where estimates are utilized in the story, and have the characters decide their estimates. As we discuss these scenarios we can ask the students what would they do? or "How would they have estimated it?"

We can also discuss actual real life situations where students have actually used estimating. Let the students give the examples that I would be use could give. A perfect example would be whenever we are ordering pizza for our class pizza party, counting how many people are at a crowded restaurant, or taking home on the watching the TV.

How would you teach students to approach the problem on page 103 of the book? What skills would be necessary for students? Explain.

Using exactly five 10s and only addition, subtraction, multiplication, and division, write an expression that equals each of the numbers from 1 to 10. You do not have to use all operations. Numbers such as 100 are permitted. For example, 10 could be written as 5.