



## Apple Tarts Problem



Mom makes small apple tarts, using three-quarters of an apple for each small tart. She has 20 apples. How many small apple tarts can she make? Show how you would solve this problem below:

Now try to solve this problem using a different approach and show your work:

When you are ready, compare your solution strategies with someone else.  
Discuss: What is problematic about this task?



## Apple Tarts Problem – Part Two



Read how a group of fourth graders grappled with this problem on pages 118-124 in *Making Sense*. Read carefully, trying to follow each student's mathematical thinking.

Highlight or mark evidence of sound, conceptual thinking.

What factors contributed to the students' understanding and misunderstanding as they worked?