

Problem-Solving Strategy:

Guess and Check

The movie theatre charges \$4.00 for each child’s ticket and \$7.00 for each adult’s ticket. The art club purchased a total of 20 tickets and spent \$101. How many of each type of ticket did the club buy?



1. What operations will you need to use?



2. How will you check your guesses?



3. Use the table to make guesses and check your guesses. If you need more workspace, use a separate sheet of paper.

	1st Guess		2nd Guess		3rd Guess	
	Number of tickets	Cost	Number of tickets	Cost	Number of tickets	Cost
Child’s						
Adult’s						
Total						



4. **Write About It** How did you use your first guess to help make the next guess?
