

*Give yourself 15 minutes for this take-home quiz. Notes are not allowed, but calculators or class manipulatives may be used. This quiz will be exchanged and discussed during class.*

1. Solve the following equation for the variable given. Show at least three steps, giving a reason for each step. (3 MP\*)

$$\frac{1}{4} \cdot C - 2 = 3$$

2. Dante has twice as many jelly beans as Carlos. Together they have 57 beans. How many beans do Dante and Carlos each have?

Solve this problem using either a strip diagram or algebraic equations. (2 MP\*)