

## Possible Solutions

### What We Know

250 tickets at \$45 each  
 $250 \times 45 =$  amount of money from \$45 tickets  
200 tickets at \$35 each  
 $200 \times 35 =$  amount of money from \$35 tickets

(amount of money from \$45 tickets) - (amount of money from \$35 tickets) = (difference in amount from \$45 tickets and \$35 tickets)

### Possible Equation

$$(250 \times 45) - (200 \times 35) = m$$

where  $m$  represents the difference in the amount from \$45 tickets and \$35 tickets

### Possible Solution

$$\begin{aligned}(250 \times 45) - (200 \times 35) &= m \\ 9,000 - 8,750 &= m \\ 250 &= m\end{aligned}$$

Chip and Jo made \$9,000 from the \$45 tickets and \$8,750 from the \$35 tickets. After all was accounted for, \$250 more dollars came from the \$45 tickets than the \$35 tickets.