## **Multiple Multiplication** Methods



## Activity

Mr Mannering gave his class this problem to solve:



I bought 5 softball bats for the PE shed for \$48 each. What was the total cost?





Mr Mannering wrote down how Sophie, Larry, and Manua solved this problem in their group's recording book, but he forgot to label the solutions with each person's name. Match the person to their solution in the recording book.

i. 
$$5 \times 48 = \square$$
 $2 \times 2 \div 2$ 
 $10 \times 24 = 240$ 
 $5 \times 48 = 240$ 

ii. 
$$5 \times 48 = (5 \times 50) - (5 \times 2)$$
  
=  $250 - 10$   
=  $240$ 

iii. 
$$5 \times 40 = 200$$
  
 $5 \times 8 = 40$   
 $200 + 40 = 240$ 







I used doubling and halving.

Which method do you think is best for this problem? Why?

