

**Problem-Solving Practice****4AF2.2***Balanced Equations*

Michael and Jessica are going shopping.

Item	Cost
Apple	\$1
Milk	\$3
Pizza	\$6
Chicken Meal	\$12

- Jessica's bill is \$35. How many milks did she buy?  
Chicken meal + Pizza + Milk + Apple  
 $\$12 + (2 \times \$6) + (m \times \$3) + (2 \times \$1)$  \_\_\_\_\_
- Michael's bill is \$49. How many pizzas did he buy?  
Chicken meal + Pizza + Milk + Apple  
 $(1 \times \$12) + (p \times \$6) + (5 \times \$3) + (4 \times \$1)$  \_\_\_\_\_
- Michael and Jessica want to spend the same amount of money. What can Jessica buy to equal Michael's bill?  
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Hannah does certain activities at different speeds.

Activity	Speed
jogging	5 mph
walking	3 mph
hiking	2 mph
bicycling	6 mph

- If Hannah walks 1 hour one day and rides her bike 2 hours another day, did she travel the same distance? Explain.  
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- Hannah jogged for 1 hour. On her way back, she walked and hiked. If Hannah walked for 1 hour, for how long did she hike?  
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