Problem Solving: Two-Question Problems

Sometimes you need the answer to one question to help you answer another question.

Ms. Williams bought 3 pizzas for $8 each. She gave the cashier $30. How much change did she receive?

First, find the cost of the pizzas.

_____ in all

$8	$8	$8

$8 \times 3 = $24

The pizzas cost $24.

Next, find the change.

$30 in all

$24	

$30 - $24 = $6

Ms. Williams received $6 in change.

1a. Ray bought a pair of sunglasses for $22 and a hat for $19. How much money did the items cost?

_____ in all

$22	$19

1b. Ray gave the cashier a $50 bill. How much change should Ray receive?

$50 in all

$41	

2. Communicate Cindy bought 4 lunch specials for $7 each. She gave the cashier $40. How much change should Cindy receive? Explain how you found your answer.

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