Name _____

Problem-Solving Application
Using Money

Use the price chart for Exercises 1–7.

Hannah's Health Food Store			
Bulk Food		**Buy a Bag of Trail Mix**	
peanuts	$2.00/lb	just nuts	$6.95
raisins	$2.50/lb	nuts and raisins	$4.50
carob chips	$4.00/lb	sesame sticks	$2.75
walnuts	$5.50/lb	just fruit	$5.00

1. Kevin buys a bag of "just fruit" and a half pound of walnuts. What is his change from $10?

_____

2. George has $5 to spend. He wants a pound of raisins and a half pound of carob chips. Does he have enough?

_____

3. Brenda buys a bag of sesame sticks and a pound of raisins. She pays with a $10 bill. How much change should she get back?

_____

4. David buys a bag of "nuts and raisins" and some peanuts. His total bill is $5.50. How many pounds of peanuts does David buy?

_____

5. Thom gives the clerk $12 for one pound of peanuts, 2 pounds of raisins, and a pound of walnuts. Did he pay enough? If not, what does he still owe?

_____

6. Myra wants to buy as many bags of "just nuts" as she can with $25. How many buys can she buy? Explain.

_____

7. Would $20 be enough to buy one bag of each kind of trail mix? Tell how you know.

_____

Answer Key

Problem-Solving Application

Using Money

Use the price chart for Exercises 1–7.

Hannah's Health Food Store			
Bulk Food		**Buy a Bag of Trail Mix**	
peanuts	$2.00/lb	just nuts	$6.95
raisins	$2.50/lb	nuts and raisins	$4.50
carob chips	$4.00/lb	sesame sticks	$2.75
walnuts	$5.50/lb	just fruit	$5.00

1. Kevin buys a bag of "just fruit" and a half pound of walnuts. What is his change from $10?

$2.25

2. George has $5 to spend. He wants a pound of raisins and a half pound of carob chips. Does he have enough?

Yes; total cost $4.50

3. Brenda buys a bag of sesame sticks and a pound of raisins. She pays with a $10 bill. How much change should she get back?

$4.75

4. David buys a bag of "nuts and raisins" and some peanuts. His total bill is $5.50. How many pounds of peanuts does David buy?

½ pound of peanuts

5. Thom gives the clerk $12 for one pound of peanuts, 2 pounds of raisins, and a pound of walnuts. Did he pay enough? If not, what does he still owe?

No; Thom still owes $0.50

6. Myra wants to buy as many bags of "just nuts" as she can with $25. How many buys can she buy? Explain.

3 bags; $6.95 is about $7, 7 × 4 > 25.

7. Would $20 be enough to buy one bag of each kind of trail mix? Tell how you know.

Yes; estimated cost $20; exact cost $19.20