

NAME: _____

SCORE: _____

PERCENTAGE APPLICATION PROBLEMS

INSTRUCTIONS: Use percentages to solve each of the problems.

Brenda's Berries sells the following berries at the following prices and quantities? A total of 500 packs of berries were sold.

Berry	Sale Price	Number Sold	Percent Sold
Strawberries	\$2.00	200	40%
Blueberries	\$1.50		30%
Blackberries	\$1.25	100	
Raspberries	\$1.00		10%

1. – 4. Fill in the blanks in the chart above.
5. If Brenda is selling the strawberries at a 30% markup, how much do the strawberries cost her?
6. Using the chart, how much would Brenda make in total?
7. For what percent of total profit do strawberries account?
8. If Brenda has a sale for 25% off the last ten packs of raspberries, how much is she losing in revenue?
9. Suppose Lydia sells an additional 100 packs of berries that total \$200 and Brenda pays her a 5% commission on the sale. How much would Lydia make?
10. If Brenda sells each item for 5% off, what would the sale price of each item be? (Round to the nearest cent)
 - a. Strawberries
 - b. Blueberries
 - c. Strawberries
 - d. Strawberries

