

Activity 18 Assessment

Problem Solving with Money

Problem Solving with Money (Including Tax)

Recognizes prices involving dollars and cents.

"The price of a bag of apples is \$3.85. Apples don't have tax added."



Estimates the cost of transactions involving several items, including tax.

"I made friendly numbers to estimate the total cost:
 $\$10 + \$10 + \$46 = \66 .
 Then for tax, 10% is about \$7 and 5% is about \$3.50.
 The total cost is about \$69.50."



Calculates the cost of several items with prices in dollars and cents, including tax.

"I used an algorithm."

$$\begin{array}{r} 21 \\ 8.90 \\ 29.67 \\ + 45.99 \\ \hline \$64.56 \end{array}$$

Then I calculated the tax:
 10% is \$6.46 and 5% is \$3.23.
 The total cost including tax: \$67.79."



Calculates total cost including tax, and determines change.

"To find the change from \$500, I can use an algorithm or a calculator."

$$\begin{array}{r} 499\ 91 \\ 500.00 \\ - 67.79 \\ \hline \$432.21 \end{array}$$

Observations/Documentation