

Calculations & Estimations

Scorer	CU	PS	V	C	Acc	Name _____
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Date _____

Teacher _____

Exceeds Meets Does Not Yet Meet On-Demand Revised/Redone Modified

Comments: _____

(Calculations/Estimations)

Spending Money

Mary bought a scarf for \$5.00, spent $\frac{1}{2}$ of her remaining money on jogging shoes, bought lunch for \$2.00, then spent $\frac{1}{2}$ of her remaining money on a CD. She had \$10.00 left. How much money did she start with?

5C01

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Tire Shopping

Marge needs to buy 4 new tires for her car. She found the prices at three different tire stores. What is the best price for four tires?

Turn Around Tires

Buy 3 tires and get
one free

Each Tire: \$63.55

Roundabout Tire

Each Tire: \$46.25

Get You There Tires

\$40 OFF OF YOUR
TOTAL PURCHASE
Each Tire: \$56.75

5C02

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Paper Route

Julie delivers 10 newspapers each day on Monday through Saturday. She delivers 18 papers on Sunday. If December starts on a Friday and has 31 days, how many papers will she deliver in the month?

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Olga's Summer Job

Olga got a summer job picking strawberries five days a week. On her first day she earned \$5.00, on her second day she earned \$3.50, on her third day she earned \$4.00, on her fourth day she earned \$5.00 and on her fifth day she earned \$4.50. If she continues earning money at the same rate, how much will she earn after working for four weeks? Explain your answer and your thinking.

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The Candy Spree

Natalie bought two kinds of candy. One type sold at 3 pieces for 5 cents and the other kind sold at 7 pieces for 10 cents. She said she had exactly enough money to buy 44 pieces. How much money did she have?

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Five Easy Pieces

A chocolate bar is separated into several equal pieces. Laura eats $\frac{1}{3}$ of the pieces. Paul eats $\frac{1}{4}$ of the pieces. Then Felix eats $\frac{1}{2}$ of the remaining pieces. There are five pieces left over. Into how many pieces was the original chocolate bar divided? Explain your thinking.

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Soccer Team Fundraiser

Linda and Tom are selling candy bars to earn money for their soccer team. Each box has a dozen candy bars and is worth \$24.00. Their teams gets to keep a fourth of the money for each candy bar they sell. Linda has already sold 4-1/2 boxes. Tom has already sold twice as many boxes as Linda. What is the total amount of money they have earned together for their team?

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The Camping Trip

Several friends were going camping for three days and needed to carry their own water. They read in a guidebook that 12.5 liters are needed for a party of 5 persons for 1 day. Based on the guidebook, what is the minimum amount of water 8 people should carry altogether?

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Devilish Problem

Molly is attending a big family picnic and is supposed to bring “deviled eggs.” She needs to bring three dozen. At the store, Molly wants to get the best price possible for eggs. She found three options:

1. Henny Penny’s Eggs are \$2.25 per dozen.
2. Yeager’s Eggs are \$3.25 for a box of 18.
3. Fowl Eggs offer a dozen eggs free with the purchase of two dozen at a price of \$3.30 per dozen.

What is Molly’s best price for three dozen eggs?

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Stamp Dilemma

Alberto's dad sent him to the post office with a quarter. Alberto was supposed to buy some 2-cent and 3-cent stamps. His dad needed at least four 3-cent stamps. What different combinations of stamps could he buy? Explain your thinking at each step and your answer(s).

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Fast Food Figuring

When Alexis, Chelsea and Kammi had lunch together, Alexis spent \$1.60 for two small hamburgers, a drink and one order of fries. Chelsea's two orders of fries, two drinks and one small hamburger costs \$1.40 altogether. How much does Kammi owe for a small hamburger, one order of fries and one drink?

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Links in a Chain

It costs \$1 to open a link of chain and \$2 to weld it closed. You want to join 5 pieces of chain, 3 links each, into one long chain. What is the minimum cost?

