



How Much?—Part 1

DIRECTIONS:

Solve the story problems below. Explain how you solved each problem.

- 1.** Your class is taking a field trip to the United States Mint. The cost is \$150.00 for the bus, \$100.00 for the group photo, and \$80.00 for lunch at the pizza parlor. Twenty kids are going. How much will it cost per person?



Answer:



- 2. PART A:** Joe has been collecting change all year. He has decided to buy himself a new bike and has emptied his piggy bank. When he pours the money out, he finds 340 quarters, 611 dimes, 217 nickels, 896 cents, and 2 Golden Dollar coins. How much money does he have in all?

Answer:

PART B: The bike he wants costs \$168.50. Does he have enough to buy it? YES NO

PART C: Will there be extra? _____ If YES, how much? _____

If not, how much more does Joe need to save? _____

- 3. PART A:** Sarah is collecting the new quarters. She has each of the 15 quarters released from 1999-2001. How much money is that in all?

Answer:

PART B: How many quarters need to be released before all 50 states are represented?

Answer:

PART C: Once Sarah has all the new quarters, what will her collection be worth?

Answer:





How Much?—Part 2

4. Your family is taking a trip to visit each of the states for which quarters were released in 2001. From Vermont, going south to Kentucky is approximately 1,000 miles.



Your family car has a 10 gallon gas tank and gasoline costs \$1.57 per gallon. If your car gets 25 miles per gallon, how much money will you need for gas?

Answer:

5. For each amount below, rewrite as a fraction, a percentage, and a decimal.

	20¢ out of \$1.00	\$2.50 out of \$10.00	\$5.00 out of \$30.00	\$40.00 out of \$100.00
Fraction				
Percent				
Decimal				