

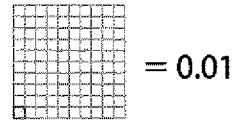
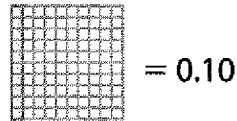
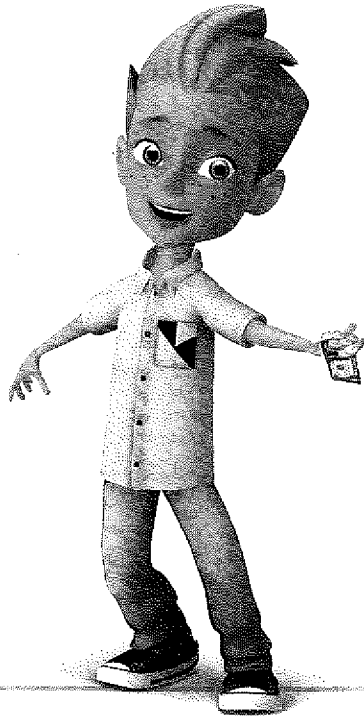


Homework 1-6

Using Money to Understand Decimals

Another Look!

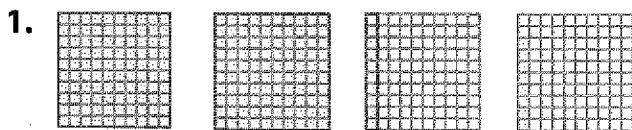
Lunch costs five dollars and eighty-four cents.
How can you represent this number as a decimal?



5 dollars + 8 dimes + 4 pennies = \$5.84

5 ones + 8 tenths + 4 hundredths = 5.84

In 1 through 5, fill in the blanks to tell how many of each.



2.18 = _____ ones + _____ tenth + _____ hundredths

\$2.18 = _____ dollars + _____ dime + _____ pennies

2. 9.27 = _____ ones + _____ hundredths

\$9.27 = _____ dollars + _____ pennies

3. 7.39 = _____ ones + _____ tenths + _____ hundredths

\$7.39 = _____ dollars + _____ dimes + _____ pennies

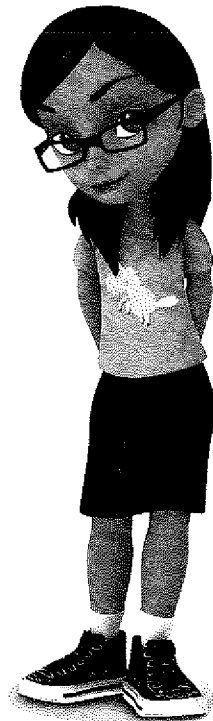
4. 3.52 = _____ ones + _____ tenths + _____ hundredths

\$3.52 = _____ dollars + _____ dimes + _____ pennies

5. 1.87 = _____ one + _____ tenths + _____ hundredths

\$1.87 = _____ dollar + _____ dimes + _____ pennies

Look for similarities between decimals and money.



In **6** through **8**, write how you buy each item using the fewest number of dollars, dimes, and pennies.

6. the baseball:


7. the bat:

8. the glove:



9. Explain Why do you only need to look at the number of dollars to know that \$5.12 is greater than \$4.82?

10. Number Sense If you have 5 tenths of a dollar, how much money do you have?

11. Number Sense How would you write  six and twenty-five hundredths with a decimal point?

- A 6.025
- B 6.25
- C 62.5
- D 625.

12. Which of the following has the greatest  value?

- A 1 dollar, 4 dimes, 8 pennies
- B 1 dollar, 3 dimes, 11 pennies
- C 1 dollar, 3 dimes, 8 pennies
- D 1 dollar, 2 dimes, 27 pennies

13. Extend Your Thinking Which is greater: 4 tenths and 2 hundredths, or 2 tenths and 4 hundredths? Explain.

14. Extend Your Thinking Lana wants to buy a book for \$6.95. How can she pay for the book using the fewest number of dollars, dimes, and pennies? Using only dimes and pennies? Using only pennies?