

Decimal Money Match

Show tenths and hundredths with models and money.

GRADE 4 • TEKS 4.2.E

4.2.E "represent decimals, including tenths and hundredths, using concrete and visual models and money;"

NAME _____

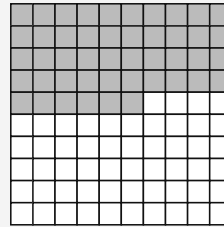
DATE _____

PLACE VALUE AND MONEY

The first digit after the decimal is tenths. The second digit is hundredths. In money, the digits after the decimal show cents, so \$0.34 is 34 cents.

WORKED EXAMPLE

What decimal does the shaded model show? Write it as money.

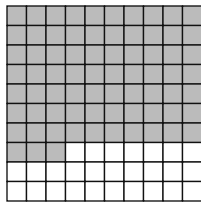


1. The model has 46 shaded squares out of 100.
2. 46 hundredths is 0.46.
3. 46 dollars is \$0.46.

Answer: 0.46, \$0.46

PRACTICE 4 problems

- 1** What decimal does the shaded model show? Write it as money.



ANSWER _____

- 2** Write 8 tenths as a decimal and as money.

ANSWER _____

- 3** Write 0.09 as cents.

ANSWER _____

- 4** Write \$3.40 as a decimal number of dollars.

ANSWER _____

APPLY IT

Show your work

- 1** Nia has \$5.00. She buys a notebook for \$2.75. How much money does she have left?

WORK SPACE

ANSWER _____

- 2** A game costs \$1.60, and a juice costs \$0.85. How much do they cost altogether?

WORK SPACE

ANSWER _____

CHALLENGE

One step up

Leo says \$4.07 means 4 dollars and 7 tenths. Is Leo correct? Explain what \$4.07 means.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	What decimal does the shaded model show? Write it as money.	0.73, \$0.73
2	Write 8 tenths as a decimal and as money.	0.8, \$0.80
3	Write 0.09 as cents.	9 cents
4	Write \$3.40 as a decimal number of dollars.	3.40

PART 2 • APPLY IT

1. **\$2.25** Subtract \$2.75 from \$5.00. Nia has \$2.25 left.
2. **\$2.45** Add \$1.60 and \$0.85. The total is \$2.45.

CHALLENGE

No. \$4.07 means 4 dollars and 7 cents, or 4 dollars, 0 tenths, and 7 hundredths.

Accept 0.80 as an equivalent decimal for 0.8, but money amounts should include a dollar sign and two cent digits. For the challenge, accept any explanation that identifies 7 as hundredths, or 7 cents.