LESSON MAKER PRO

Money Match-Up

Build the money sets, find each total, then compare.

GRADE 3 · 3.NS.4.c

3.NS.4.c "Compare the values of two sets of coins or two sets of bills and coins, up to $5.00, with words (greater than, less than, equal to) and/or symbols (>, <, =) using concrete or pictorial models."

NAME _____ DATE _____

COMPARE MONEY VALUES

Teacher setup: supply each child or pair with play money: eight $1 bills, seven quarters, five dimes, five nickels and eight pennies, plus two mats. Label mats A and B, or with the people's names. Before EVERY worked, practice, application and challenge comparison, build both named sets on the mats with this money and show the teacher. Count each set, write its total and compare using >, <, or =. Reset the money between questions. The open side of > or < faces the greater amount.

WORKED EXAMPLE

Use the supplied play money to build both sets on the mats. Set A has 1 $1 bill, 4 dimes, and 7 pennies. Set B has 1 $1 bill and 3 quarters. Compare the sets.

1. Arrange the listed bills and coins on the labeled mats; check each denomination and count.
2. Set A: $1.00 + $0.40 + $0.07 = $1.47.
3. Set B: $1.00 + $0.75 = $1.75.
4. Compare $1.47 and $1.75.

Answer: $1.47 < $1.75

PRACTICE 6 problems

1 Build both sets with the supplied play money. Set A has 1 quarter, 3 dimes, and 4 pennies. Set B has 2 quarters and 1 nickel. Compare the values.

ANSWER _____

2 Build both sets with the supplied play money. Set A has 4 nickels and 2 pennies. Set B has 1 dime, 1 nickel, and 6 pennies. Compare the values.

ANSWER _____

3 Build both sets with the supplied play money. Set A has 1 $1 bill, 3 quarters, and 1 dime. Set B has 1 $1 bill, 2 quarters, 3 dimes, and 5 pennies. Compare the values.

ANSWER _____

4 Build both sets with the supplied play money. Set A has 2 $1 bills, 1 quarter, and 2 dimes. Set B has 2 $1 bills and 3 dimes. Compare the values.

ANSWER _____

5 Build both sets with the supplied play money. Set A has 4 $1 bills. Set B has 2 $1 bills, 3 quarters, 2 dimes, and 1 nickel. Compare the values.

ANSWER _____

6 Build both sets with the supplied play money. Set A has 3 $1 bills, 4 dimes, and 2 nickels. Set B has 3 $1 bills and 2 quarters. Compare the values.

ANSWER _____

APPLY IT Show your work

1 Build both people's sets with the supplied play money. Ari is saving for a comic book. Ari has 1 $1 bill, 5 quarters, 3 dimes, and 4 nickels. Nia has 2 $1 bills, 2 quarters, and 2 dimes. Who has more money? Write a comparison statement.

WORK SPACE

ANSWER _____

2 Build both people's sets with the supplied play money. At a school game, Elena has 3 $1 bills and 2 quarters for prize tickets. Luis has 2 $1 bills, 4 quarters, and 4 dimes. Who has less money? Write a comparison statement.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Build both sets with the supplied play money. Rina has 3 $1 bills, 3 quarters, 2 dimes, and 1 nickel. Theo has 4 $1 bills and 1 dime. Compare their money. Explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Money Match-Up

GRADE 3 · 3.NS.4.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Build both sets with the supplied play money. Set A has 1 quarter, 3 dimes, and 4 pennies. Set B has 2 quarters and 1 nickel. Compare the values.	**$0.59 > $0.55**
2	Build both sets with the supplied play money. Set A has 4 nickels and 2 pennies. Set B has 1 dime, 1 nickel, and 6 pennies. Compare the values.	**$0.22 > $0.21**
3	Build both sets with the supplied play money. Set A has 1 $1 bill, 3 quarters, and 1 dime. Set B has 1 $1 bill, 2 quarters, 3 dimes, and 5 pennies. Compare the values.	**$1.85 = $1.85**
4	Build both sets with the supplied play money. Set A has 2 $1 bills, 1 quarter, and 2 dimes. Set B has 2 $1 bills and 3 dimes. Compare the values.	**$2.45 > $2.30**
5	Build both sets with the supplied play money. Set A has 4 $1 bills. Set B has 2 $1 bills, 3 quarters, 2 dimes, and 1 nickel. Compare the values.	**$4.00 > $3.00**
6	Build both sets with the supplied play money. Set A has 3 $1 bills, 4 dimes, and 2 nickels. Set B has 3 $1 bills and 2 quarters. Compare the values.	**$3.50 = $3.50**

PART 2 · APPLY IT

1. **Ari has more money. $2.75 > $2.70** Ari has $2.75. Nia has $2.70, so Ari has more.
2. **Luis has less money. $3.40 < $3.50** Elena has $3.50. Luis has $3.40, so Luis has less.

CHALLENGE

$4.00 < $4.10. Rina has $4.00, and Theo has $4.10, so Theo has $0.10 more.

Accept >, <, and = or the matching words greater than, less than, and equal to. Accept totals written in dollars and cents, including equivalent forms such as $4 and $4.00. Before class, prepare the specified play money and two labeled mats per child or pair. For every comparison, observe both actual money sets and check denomination counts and totals before accepting the statement; written totals alone are incomplete. Support counting as needed and reset after each question. The supply covers the two sets simultaneously, including seven quarters in Apply 1 and five nickels/eight pennies in Practice 2.