Name _____

Project

Coins in the U.S.

① Plan
- Find the year in which Missouri quarters were minted.
- Use the information on page 304 in your math book to help you.
- Complete the Important Facts first.

Important Facts

Year in which Missouri quarters were minted:

_____

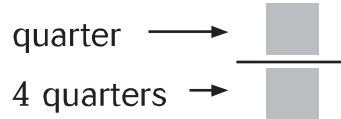Number of quarters equal in value to 1 dollar:

_____

1 quarter is equal to one

_____ of a dollar.

② Put It Together
- Find another way to say *1 out of 4*, or one fourth.
- Write fractions to show what part of a dollar the coins represent.

Write 1 out of 4 as a **fraction**.

quarter ⟶ ▢/▢

4 quarters ⟶ ▢/▢

The fraction means that a quarter is ___ out of ___, or one fourth, of a dollar.

Most American coins are worth a *fraction* of other amounts.

Two quarters are equal to *two fourths* of a dollar.

Write the fraction for two fourths.

▢/▢

How many nickels are equal in value to 1 dime? ____

1 nickel is equal to ▢/▢ of a dime.

____ nickels are equal in value to 1 dime.

Two nickels are equal to *two halves* of a dime.

Write the fraction for two halves.

▢/▢

③ Reflect

In **2009**, quarters were minted to honor the District of Columbia and five U.S. Territories: Puerto Rico, Guam, American Samoa, the U.S. Virgin Islands, and the Northern Mariana Islands. How many different quarters were minted under this program? Explain how you know.

_____

_____

What if you had one of each of the different quarters minted in 2009? What fraction of your set of coins does the Puerto Rico quarter represent? **Explain** how you know.

_____

_____

④ Go Beyond

In **2003**, state quarters were minted to honor Illinois, Alabama, Maine, Missouri, and Arkansas. Suppose you had one of each of the different state quarters minted in **2003**. Find the fraction of your set of coins the Missouri quarter would represent.

How many different quarters were minted in all in 2003? _____

The Missouri quarter represents one *fifth* of the quarters.

Write the fraction one fifth. ▯/▯ .