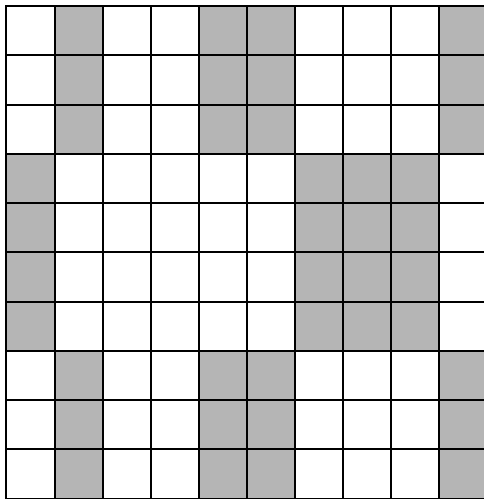




The shaded portion of each of the following grids represents the weight of one diamond in carats. Write the weight of each diamond as a fraction and as a decimal. Each 10-by-10 grid represents one carat.

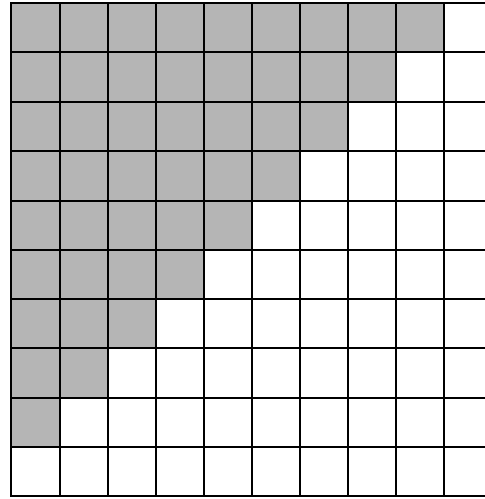
1. Fraction: $\frac{40}{100}$, $\frac{4}{10}$, or $\frac{2}{5}$

Decimal: 0.4 or 0.40



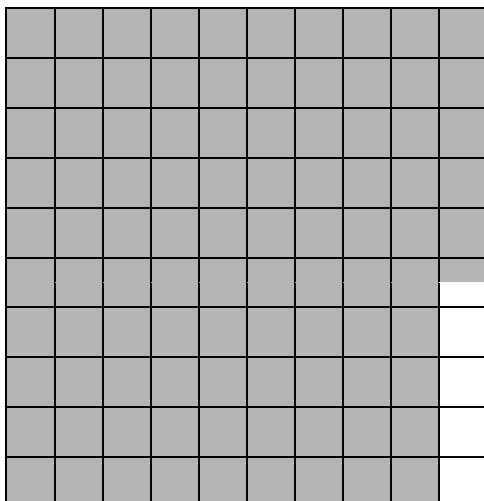
2. Fraction: $\frac{45}{100}$ or $\frac{9}{20}$

Decimal: 0.45



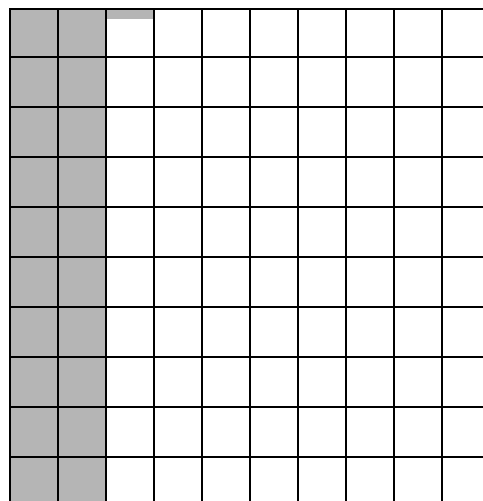
3. Fraction: $\frac{955}{1000}$ or $\frac{191}{200}$

Decimal: 0.955



4. Fraction: Approximately $\frac{202}{1000}$ or $\frac{101}{500}$

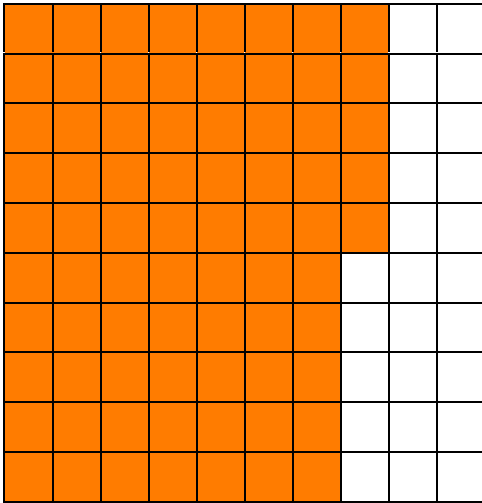
Decimal: Approximately 0.202





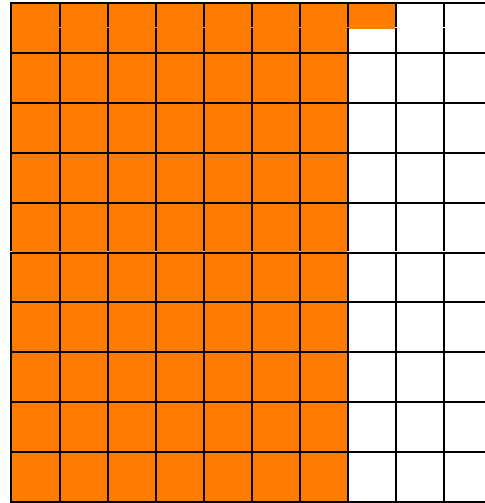
The following problems give the diameter of different kinds of coins in inches. Represent each number by shading the grid and writing the number as a fraction.

5. Penny: 0.750 inches



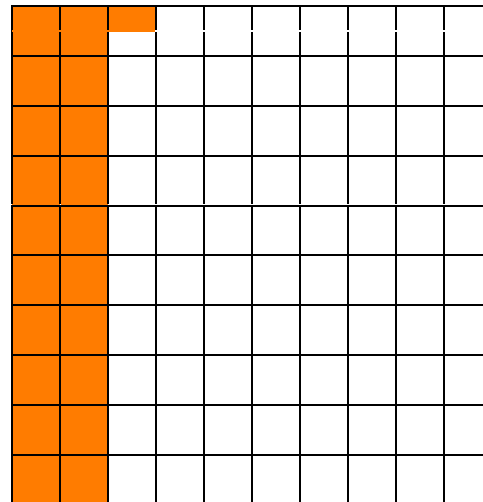
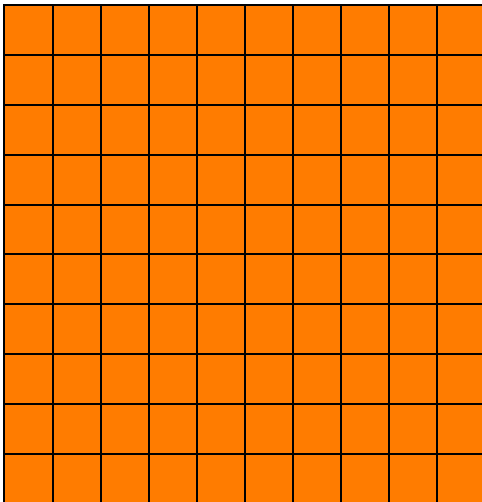
Fraction: $\frac{750}{1000}$ or $\frac{3}{4}$

6. Dime: 0.705 inches



Fraction: $\frac{705}{1000}$ or $\frac{141}{200}$

7. Half dollar: 1.205 inches



Fraction: $\frac{1205}{1000}$, $1\frac{205}{1000}$, or $1\frac{41}{200}$



8. The diameter of the Presidential dollar is one and forty-three thousandths inches. Write this number as a fraction and as a decimal.

Fraction: $\frac{1043}{1000}$ or $1\frac{43}{1000}$

Decimal: 1.043

9. Use the following clues to determine the diameter of a nickel.

The diameter is less than one inch.

The sum of the digits in hundredths place and thousandths place equals the digit in the tenths place.

There is a five in the thousandths place.

The digit in the tenths place is even.

The digit in the hundredths place is not one.

What is the diameter of a nickel in inches? 0.835 inches

10. How do you read the answer to problem 9? Write the number in words.

eight hundred thirty-five thousandths