

Lesson
2.6
Enrichment and Extension
Placing the Decimal Point

Coin	Thickness (mm)	Weight (oz)	Coins per Roll
Penny	1.55	0.088	50
Nickel	1.95	0.176	40
Dime	1.35	0.08	50
Quarter	1.75	0.2	40

In Exercises 1–4, use the table.

- How much taller is a roll of nickels than a roll of dimes?
- How much taller is a roll of pennies than a roll of quarters?
- You have 6 rolls of pennies and 4 rolls of quarters.
 - How much money do you have?
 - How much do the coins weigh?
- You have 1 roll of nickels, 4 rolls of dimes, and 2 rolls of quarters. Your friend has 3 rolls of pennies, 2 rolls of nickels, 1 roll of dimes, and 3 rolls of quarters.
 - Who has more money? by how much?
 - Whose coins weigh more? by how much?

Fill in the blanks and place a decimal point in the first factor to complete the statement.

$$\begin{array}{r}
 5. \quad \square 6 \\
 \times 9.\square \\
 \hline
 33\square \\
 5\square 4 \\
 \hline
 5\square.76
 \end{array}$$

$$\begin{array}{r}
 6. \quad 78\square \\
 \times \square.4 \\
 \hline
 312\square \\
 23\square 6 \\
 \hline
 26.\square 88
 \end{array}$$

$$\begin{array}{r}
 7. \quad 2\square 15 \\
 \times \square.3\square \\
 \hline
 846\square \\
 \square 345 \\
 \hline
 1\square 920 \\
 \hline
 17.6\square 910
 \end{array}$$