

3rd Grade Math: Money Addition

What is Money Addition?

- **Money addition** is simply adding amounts of money together to find the total. When adding money, it's important to keep track of **dollars** and **cents**.
- The dollar symbol (\$) is used for dollars, and the cent symbol (¢) is used for cents. There are **100 cents in 1 dollar**.

How to Add Money

1. Step 1: Line up the Numbers

2. When adding money, it's helpful to line up the numbers by the **decimal point** so that the dollars and cents are in the right place.

3. Step 2: Add the Cents First

Start by adding the cents. If the total is more than 100 cents, you'll need to regroup (100 cents = 1 dollar).

4. Step 3: Add the Dollars

After adding the cents, add the dollars together.

Example 1: Adding Money

Problem:

Add \$5.75 and \$3.25.

Steps:

1. Line up the numbers by the decimal point:

$$5.75 + 3.25$$

2. Add the cents:

$$75 \text{ cents} + 25 \text{ cents} = 100 \text{ cents} = 1 \text{ dollar}$$

3. Add the dollars:

$$5 + 3 + 1 = 9 \text{ dollars}$$

Answer:

$$\$5.75 + \$3.25 = \$9.00$$

Example 2: Buying Fruit

Problem:

Mary buys a banana for \$0.65 and an apple for \$1.50. How much does she spend in total?

Steps:

1. Line up the numbers by the decimal point:

$$0.65 + 1.50$$

2. Add the cents:

$$65 \text{ cents} + 50 \text{ cents} = 115 \text{ cents} = 1 \text{ dollar } 15 \text{ cents}$$

3. Add the dollars:

$$0 + 1 + 1 = 2 \text{ dollars } 15 \text{ cents}$$

Answer:

Mary spends \$2.15 in total.

Example 3: Adding Three Amounts

Problem:

John buys a toy for \$4.35, a book for \$2.50, and a pencil for \$0.75. How much does he spend?

Steps:

1. Line up the numbers by the decimal point:

$$4.35 + 2.50 + 0.75$$

2. Add the cents:

$$35 \text{ cents} + 50 \text{ cents} + 75 \text{ cents} = 160 \text{ cents} = 1 \text{ dollar } 60 \text{ cents}$$

3. Add the dollars:

$$4 + 2 + 1 = 7 \text{ dollars}$$

Answer:

John spends \$7.60 in total.

Conclusion:

- To add money, line up the numbers by the **decimal point** to ensure the dollars and cents are added correctly.
- Always add the **cents** first, then the **dollars**. If the cents add up to 100 or more, remember to regroup them into dollars.

By practicing money addition, you'll get better at adding up amounts when shopping or dealing with money in real life!