

# Executive functioning

What you will practice

1. Problem solving
2. Independent living
3. Adding & subtracting money
4. Multiplying daily costs
5. Percent discounts
6. Cost-per-unit comparison
7. Saving decisions
8. Budget planning

## Scenario — You Have \$100 for One Week

You need to spend money on:

- Food
- Transportation
- Snacks or treats
- Emergency savings

Let's practice making smart choices with math.

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## Errorless Teaching

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### Problem 1 — Grocery Budget

You spend:

- \$28 on fruits & vegetables
- \$15 on bread, rice, and pasta
- \$12 on milk, eggs, and yogurt

**Question:**

How much money did you spend on groceries?

How much money is left from \$100?

### **Solution**

Total groceries:

$$28+15+12=55$$

Money left:

$$100-55=45$$

### **Answer:**

You spent **\$55** on groceries and have **\$45 left**.

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## **Problem 2 — Transportation Costs**

Bus fare costs **\$2.50 per ride**.

You take the bus:

- 5 days to school
- 2 rides per day

### **Question:**

How much do you spend on transportation?

### **Solution**

Number of rides:

$$5 \times 2 = 10 \text{ rides}$$

Cost:

$$10 \times 2.50 = 25$$

### **Answer:**

You spend **\$25 on transportation**.

Money left:

$$45 - 25 = 20$$

You now have **\$20 remaining**.

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## **Problem 3 — Eating Out vs Cooking**

You think about buying:

- One fast-food meal for \$12  
or
- Ingredients to cook pasta at home for \$6

**Question:**

How much do you save if you cook instead?

**Solution**

$$12 - 6 = 6$$

**Answer:**

You save **\$6 by cooking at home.**

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## Problem 4 — Snack Budget

You allow yourself snacks:

- \$2 per day
- For 7 days

**Question:**

How much do snacks cost for the week?

**Solution**

$$2 \times 7 = 14$$

**Answer:**

Snacks for the week cost **\$14.**

Money left:

$$20 - 14 = 6$$

You now have **\$6 remaining.**

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## Problem 5 — Emergency Savings

You decide to save **10% of your \$100.**

**Question:**

How much money is saved?

**Solution**

$$100 \times 0.10 = 10$$

**Answer:**

You save **\$10** for emergencies.

You have:

$$100 - 10 = 90 \text{ for spending } 100 - 10 = 90 \text{ for spending}$$

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## Problem 6 — Sale Price Problem

You see bread normally priced at **\$4**, but it is **25% off**.

**Question:**

What is the sale price?

**Solution**

Find 25% of 4:

$$4 \times 0.25 = 1$$

Subtract:

$$4 - 1 = 3$$

**Answer:**

The sale price is **\$3**.

You save **\$1**.

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## Problem 7 — Meal Planning

You buy ingredients to cook:

- Chili for \$9 — lasts 3 meals

**Question:**

What is the cost per meal?

**Solution**

$$9 \div 3 = 3$$

**Answer:**

Each meal costs \$3.

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## Problem 8 — Choosing the Better Deal

Store A sells:

- 5 apples for \$4

Store B sells:

- 8 apples for \$6

**Question:**

Which deal is cheaper per apple?

**Solution**

Store A price per apple:

$$4 \div 5 = 0.80$$

Store B price per apple:

$$6 \div 8 = 0.756$$

**Answer:**

Store B is cheaper  
because apples cost **\$0.75 each**.

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## Problem 9 — Leftover Money Plan

At the end of the week you have **\$6 left**.

You decide to split it:

- Half for savings
- Half for next week

**Question:**

How much goes into each?

**Solution**

$$6 \div 2 = 3$$

**Answer:**

\$3 goes to savings

\$3 rolls into next week's budget

Great financial planning!

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**Problem 10 — Stretch the Week Further**

You earn **\$12** assistant coach on Saturday.

**Question:**

What is your new total?

**Solution**

$$6 + 12 = 18 \quad 6 + 12 = 18$$

**Answer:**

You now have **\$18 to start next week.**