

Personal Financial Literacy

Money math is just regular math used to count earnings, savings, spending, and change. Adding for income, subtracting for spending, multiplying for repeated amounts, dividing to split.

Money word	Operation
Earn / save / deposit / add / receive	Addition
Spend / withdraw / give / pay	Subtraction
Each / per / weekly \times weeks	Multiplication
Split / share equally / how many weeks	Division

Key Concepts

- Earning** or **saving** adds money. **Spending** or **paying** subtracts.
- When the same amount happens many times (“earns \$5 each week for 4 weeks”), multiply.
- When you need to figure out how many weeks to reach a goal, divide the goal amount by the weekly amount.
- For multi-step problems, do one operation at a time and write the result before moving on.

Worked Examples

① Jake earns \$5 each week for chores. After 4 weeks, how much has he earned?

 Same amount, repeated weeks \rightarrow multiply. $4 \times \$5 = \20 .

 **Answer:** \$20

② Mia has \$12 and spends \$7 on a book. How much money is left?

 Spending takes away. $\$12 - \$7 = \$5$.

 **Answer:** \$5

③ Carlos saves \$3 each week. He wants a toy that costs \$15. How many weeks must he save?

 Goal \div weekly savings: $\$15 \div \$3 = 5$ weeks.

 **Answer:** 5 weeks

Practice Problems

Compute. Watch the dollar signs.

1. $\$8 + \$6 =$ _____

6. $\$5 \times 6 =$ _____

2. $\$15 - \$9 =$ _____

7. $\$25 - \$8 =$ _____

3. $\$4 \times 3 =$ _____

8. $\$7 \times 4 =$ _____

4. $\$20 \div 4 =$ _____

9. $\$30 \div 5 =$ _____

5. $\$10 - \$3 - \$2 =$ _____

10. $\$50 - \$18 =$ _____

11. $\$9 + \$4 + \$7 =$ _____

12. $\$36 \div 6 =$ _____

Study Tips

-  Decide the operation *before* you compute. “Earning” is addition; “spending” is subtraction; “each/per” suggests multiplication.
-  Always write the dollar sign in your answer when the problem is about money.
-  For “how many weeks/days/months,” you usually divide the total by the per-period amount.

 Word Problems

1. Lily earns \$6 each week walking dogs. She spends \$4 on snacks and saves the rest. How much does she save each week?

Answer: _____

2. Ben has \$20 in his piggy bank. He deposits \$5 more and then withdraws \$8. How much money does he have now?

Answer: _____

Answer Key — with Friendly Explanations**Practice Problems**

1. $8 + 6 = 14$.

 **Answer:** \$14

2. $15 - 9 = 6$.

 **Answer:** \$6

3. $4 \times 3 = 12$.

 **Answer:** \$12

4. $20 \div 4 = 5$.

 **Answer:** \$5

5. $10 - 3 - 2 = 5$.

 **Answer:** \$5

6. $5 \times 6 = 30$.

 **Answer:** \$30

7. $25 - 8 = 17$.

 **Answer:** \$17

8. $7 \times 4 = 28$.

 **Answer:** \$28

9. $30 \div 5 = 6$.

 **Answer:** \$6

10. $50 - 18 = 32$.

 **Answer:** \$32

11. $9 + 4 + 7 = 20$.

 **Answer:** \$20

12. $36 \div 6 = 6$.

 **Answer:** \$6**Word Problems**

1. Earnings – spending = $\$6 - \$4 = \$2$.

 **Answer:** \$2

2. $\$20 + \$5 = \$25$; $\$25 - \$8 = \$17$.

 **Answer:** \$17

Want a Complete Grade 3 Math Program?

Check Out Our Alaska AK STAR Grade 3 Math Bundle!



Alaska AK STAR Grade 3 Math Bundle

Practice tests, complete answer keys, and step-by-step explanations
Everything a third grader needs to feel ready!

Tests +
Answer Keys
One Bundle

Find it online:

<https://www.effortlessmath.com/product/alaska-ak-star-grade-3-math-preparation-bundle/>

Important: This bundle combines the practice and the explanations into one easy-to-print package designed for Grade 3 students. **Made for parents, teachers, and tutors who want everything in one place.**

Full Practice Tests

- ✓ Complete AK STAR-style practice tests
- ✓ Mirrors the real exam format and difficulty
- ✓ Builds test-taking confidence
- ✓ Aligned with state Grade 3 math standards

Start with a full-length practice test!

Step-by-Step Answer Keys

- ✓ Every question worked out, not just an answer
- ✓ Friendly, third-grade-ready explanations
- ✓ Catches and explains common misconceptions
- ✓ Parents can help even without a math background

Learn from every mistake!

Single-Skill Worksheets

- ✓ Targets one Grade 3 math skill per page
- ✓ Covers place value, multiplication, fractions, measurement, geometry
- ✓ Includes a Quick Review + Practice + Word Problems
- ✓ Built-in friendly Answer Key for self-checking

Master one skill at a time!