

Tennessee TCAP Grade 4 Math Worksheets

Printable Practice Pages with Answer Key

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Grade 4 Math Worksheets

Hands-on math activities for every topic!

Each worksheet in this book is a standalone activity you can do anytime. Cut them out, share them with friends, or work through them on your own. Every worksheet is a new chance to practice and have fun with math!



Tear & Go



Work It Out



Check Answers

“Each worksheet is its own little adventure. You can do them in any order that you like!”



How to Use This Book

Each worksheet is a standalone activity. Here are the types you'll find!

Quick Practice

Straightforward problems to sharpen your skills.
Perfect for daily warm-ups!

Word Problems

Real-world scenarios that put your math to work. Read carefully!

Fill in the Blank

Missing numbers, missing operations — figure out what goes in the blank!

Sort & Match

Matching, sorting, and classifying activities to build number sense.

Draw & Measure

Hands-on measuring, drawing shapes, and working with rulers and protractors.

Challenge Worksheets

Tougher problems for students who want an extra challenge. Go for it!

Tips:



- Each worksheet works on its own — do them in any order.
- Great for homework, extra practice, or classroom use.
- All answers are in the **Answer Key** at the back.
- Use scratch paper for longer problems!

Math Symbols & Words

A handy reference for any worksheet.

Math Symbols

| <i>Symbol</i> | <i>Meaning</i> | <i>Symbol</i> | <i>Meaning</i> |
|---------------|--------------------|---------------|-----------------------|
| + | Add | = | Equals |
| - | Subtract | ≠ | Not equal to |
| × | Multiply | < | Less than |
| ÷ | Divide | > | Greater than |
| ≤ | Less than or equal | ≥ | Greater than or equal |
| ∠ | Angle | | Parallel |
| ⊥ | Perpendicular | ≈ | About equal to |

Key Math Words

- **Factor** — a number you multiply
- **Product** — the multiply answer
- **Quotient** — the divide answer
- **Remainder** — leftover after dividing
- **Sum** — the add answer
- **Difference** — the subtract answer
- **Numerator** — top of a fraction
- **Denominator** — bottom of a fraction
- **Mixed number** — whole number + fraction
- **Decimal** — number with a decimal point
- **Angle** — formed by two rays
- **Degree** (°) — unit for angles
- **Perimeter** — distance around a shape
- **Area** — space inside a shape
- **Parallel** — lines that never meet
- **Perpendicular** — lines meeting at 90°

 Key Formulas

Perimeter of a Rectangle $P = 2 \times (\text{length} + \text{width})$

Area of a Rectangle $A = \text{length} \times \text{width}$

Equivalent Fractions $\frac{a}{b} = \frac{a \times n}{b \times n}$

PREVIEW



Contents



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PREVIEW



PREVIEW

CHAPTER

1

Multiply, Divide, and Patterns

★ What's Inside ★

| | |
|--|---|
| 1.1 Multiplication as a Comparison | 2 |
|--|---|



★ 1.1 Multiplication as a Comparison ★

🎯 Skills You'll Practice

- Understand and use "times as many" to write multiplication equations
- Find missing numbers in multiplicative comparison statements
- Distinguish between additive and multiplicative comparisons

PREVIEW



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WORKSHEET 1

Times As Many Speed Round

Name: _____

Date: _____

★ Score: _____

 Quick Math!

How Fast Can You Go?

 3 min

Fill in the missing number in each comparison.

| Comparison | Answer |
|-------------------------------|--------|
| 5 times as many as 4 = | _____ |
| 3 times as many as 7 = | _____ |
| 6 times as many as 5 = | _____ |
| _____ times as many as 8 = 32 | _____ |
| 7 times as many as _____ = 42 | _____ |
| 9 times as many as 3 = | _____ |

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WORKSHEET 2

Comparison Match-Up

Name: _____

Date: _____

★ Score: _____

Match the Pairs!

Draw a Line to Match!

Draw a line from each **comparison sentence** on the left to the correct **equation** on the right.

24 is 6 times as many as 4

$8 \times 3 = 24$

24 is 8 times as many as 3

$4 \times 9 = 36$

36 is 4 times as many as 9

$6 \times 4 = 24$

35 is 7 times as many as 5

$7 \times 5 = 35$

18 is 3 times as many as 6

$3 \times 6 = 18$



WORKSHEET 3

Times As Many Mistake Hunt

Name: _____

Date: _____

★ Score: _____

🔍 Error Detective! ★

Can You Find the Mistakes?

Leo wrote these answers on his homework. **Some are wrong!** Find each mistake and write the correct answer.

Leo says: "5 times as many as 6 is 11."

$$5 \text{ times as many as } 6 = 5 + 6 = 11$$

Correct or wrong? _____ If wrong, fix it: _____

Leo says: "28 is 4 times as many as 7."

$$4 \times 7 = 28 \checkmark$$

Correct or wrong? _____ If wrong, fix it: _____

Leo says: "8 times as many as 4 is 24."

$$8 \times 4 = 24$$

Correct or wrong? _____ If wrong, fix it: _____




 WORKSHEET 4

At the Pet Store



Name: _____

Date: _____

Score: _____

Real-World Math!

Pet Store Animal Count!

The pet store has these animals:

| | |
|---|---|
|  Goldfish | 6 |
|  Hamsters | 3 |
|  Parrots | 4 |
|  Kittens | 8 |

*The store has how many **times as many** kittens as parrots? _____*

Zara says the store has 3 times as many goldfish as hamsters. Write an equation to check.

If the store gets 5 times as many fish as the parrots it already has, how many total fish will the store have? _____



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WORKSHEET 5

Draw Times As Many

Name: _____

Date: _____

★ Score: _____

Draw & Solve!

*Draw It Out!**Marcus has 3 toy cars. Mia has 4 times as many toy cars as Marcus.**Draw Marcus's cars in the first box and Mia's cars in the second box. Then write the equation.***Marcus's cars:**

 Draw here

Mia's cars:

 Draw here

Equation: _____

*Leo has 5 stickers. Zara has 3 times as many stickers as Leo.**Draw groups of stickers for both Leo and Zara. Then write the equation.***Leo's stickers:**Find more at
[ViewMath.com/Grade4](https://www.viewmath.com/Grade4)

 Draw here

Zara's stickers:

 Draw here

Equation: _____

 **Worksheet Superstar!** 

You finished all the activities!

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CHAPTER

2

*Adding, Subtracting, Multiplying,
and Dividing Whole Numbers*

★ *What's Inside* ★

| | |
|------------------------------------|----|
| <i>2.1 Add Whole Numbers</i> | 10 |
|------------------------------------|----|



★ 2.1 Add Whole Numbers ★

🎯 Skills You'll Practice

- Add multi-digit whole numbers using the standard algorithm
- Regroup (carry) when a column sum is 10 or more
- Check addition by estimating the sum

PREVIEW



WORKSHEET 1

Addition Speed Round

Name: _____

Date: _____

★ Score: _____

Quick Math!*How Fast Can You Add?* 4 min*Solve each addition problem.*

| Problem | Answer | Problem | Answer |
|-----------------|---------------|-------------------|---------------|
| $432 + 251 =$ | _____ | $5,817 + 1,346 =$ | _____ |
| $678 + 145 =$ | _____ | $3,492 + 2,365 =$ | _____ |
| $2,309 + 673 =$ | _____ | $4,758 + 3,689 =$ | _____ |

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 WORKSHEET 2

Addition Mistake Hunt



Name: _____

Date: _____

Score: _____

🔍 Error Detective! ★

Can You Find the Mistakes?

Mia solved these addition problems. **Some are wrong!** Find each mistake and write the correct answer.

Mia says: "467 + 358 = 715"

$$\begin{array}{r} 1 \\ 467 \\ +358 \\ \hline 715 \end{array}$$

Correct or wrong? _____ If wrong, fix it: _____

Mia says: "2,543 + 1,278 = 3,821"

$$\begin{array}{r} 1 \\ 2,543 \\ +1,278 \\ \hline 3,821 \end{array}$$

Correct or wrong? _____ If wrong, fix it: _____

Mia says: "3,906 + 847 = 4,853"


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$$\begin{array}{r} 3,906 \\ + 847 \\ \hline 4,853 \end{array}$$

Correct or wrong? _____ If wrong, fix it: _____

PREVIEW




 WORKSHEET 3

Addition Machines



Name: _____

Date: _____

Score: _____

⚙️ What's the Rule? ⚙️

What's the Rule?

Each machine adds a fixed number. Find the missing outputs and the rule.

Machine A:

| | | | | |
|------------|-------|-------|-------|-------|
| IN | 1,200 | 2,400 | 3,150 | 4,825 |
| OUT | 1,700 | 2,900 | _____ | _____ |

Rule: _____

Machine B:

| | | | | |
|------------|-------|-------|-------|-------|
| IN | 3,467 | 1,809 | 5,230 | 2,641 |
| OUT | 5,467 | 3,809 | _____ | _____ |

Rule: _____


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 WORKSHEET 4

The School Book Fair



Name: _____

Date: _____

Score: _____

Real-World Math!

How Many Books Were Sold?

The school library held a book fair for two days.

| | |
|---|-------|
|  Books sold on Monday | 1,348 |
|  Books sold on Tuesday | 2,576 |
|  Books donated by a parent | 463 |

How many books were sold over both days combined? _____

How many books does the library have in total if you count sold books plus donated books?

Another school sold 3,019 books at their fair. Which school sold more, and by how much?


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WORKSHEET 5

Addition Journal

Name: _____

Date: _____

★ Score: _____

Explain Your Thinking!

Tell Me What You Know!

*Leo added $368 + 475$ and got 733. Mia got 843. Who is right? Show how you know, using the words **regroup** and **carry**.*

*When do you need to regroup while adding? Give an example of a column where you would **not** need to regroup and one where you **would**.*

★ **Worksheet Superstar!** 🏆

You finished all the activities!



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THANK YOU

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- ✓ *Hundreds of practice problems*
- ✓ *Complete answer key with explanations*
- ✓ *Colorful visuals and step-by-step examples*
- ✓ *Reference sheets and progress trackers*

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