

Indiana ILEARN Grade 5 Math Worksheets

Printable Practice Pages with Answer Key

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What's Inside?

-  **Speed Drills** — Race the clock!
-  **Color by Answer** — Solve and color!
-  **Matching Activities** — Connect the pairs!
-  **Math Mazes** — Find the right path!
-  **Error Detective** — Spot the mistakes!
-  **Cut & Sort** — Classify and organize!
-  **Real-World Scenarios** — Math in action!
-  **Draw & Solve** — Show your thinking!
-  **Function Machines** — Find the rule!
-  **Explain It** — Write about math!
-  **Circle It** — Pick the right ones!

★ *Each worksheet is **standalone** —
your teacher can pick any one!* ★

Perfect for classwork, homework, math centers, and homeschooling.

Let's get started! 

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PREVIEW

CHAPTER

1

Place Value & Decimals

★ What's Inside ★

1.1 Place Value Relationships	2
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★ 1.1 Place Value Relationships ★

🎯 Skills You'll Practice

- Identify the value of a digit based on its position in a number
- Recognize that a digit is 10 times the value of the same digit one place to its right
- Recognize that a digit is $\frac{1}{10}$ the value of the same digit one place to its left

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WORKSHEET 1

Place Value Speed Round

Name: _____

Date: _____

★ Score: _____

 Quick Math!

How Fast Can You Go?

 3 minWrite the **value** of the underlined digit.

Number	Value	Number	Value
<u>4</u> 5,632	_____	7. <u>0</u> 83	_____
12, <u>5</u> 09	_____	0. <u>6</u> 04	_____
3 <u>8</u> ,471	_____	5.1 <u>2</u> 7	_____
9,0 <u>4</u> 6	_____	<u>2</u> .305	_____

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 WORKSHEET 2

Ten Times or One-Tenth?



 Name: _____

 Date: _____

 Score: _____

Match the Pairs!

Draw a Line to Match!

Each expression on the left equals a value on the right. Draw lines to connect them!

10×300

30

$\frac{1}{10}$ of 300

3,000

10×0.5

0.05

$\frac{1}{10}$ of 0.5

5

10×70

0.7

$\frac{1}{10}$ of 7

700



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 WORKSHEET 3

Place Value Mistake Hunt



Name: _____

Date: _____

Score: _____

Error Detective!

Can You Find the Mistakes?

A student named Zara wrote these answers. **Some are wrong!** Find each mistake and write the correct answer.

Zara says: "The 7 in **0.472** is worth **70**."

The digit 7 is in the tens place, so its value is 70.

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

Zara says: " $\frac{1}{10}$ of 6,000 is **60**."

$$6,000 \div 10 = 60$$

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

Zara says: "The 5 in **35,241** is 10 times the 5 in **5.06**."

5,000 is 10 times 5, so the 5 is $10 \times$ larger.

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



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 WORKSHEET 4

At the Science Fair



Name: _____

Date: _____

Score: _____

Real-World Math!

Science Fair Data!

Students measured the lengths of different insects in a science experiment:

 Ladybug	0.625 cm
 Ant	0.307 cm
 Beetle	1.240 cm

What is the value of the digit 6 in the ladybug's length? _____

In the ant's length, what digit is in the hundredths place? _____

The beetle is exactly 10 times longer than another insect. How long is that insect? _____

How many times greater is the value of the 2 in the beetle's length than the value of the 2 in the ladybug's length? _____



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WORKSHEET 5

Place Value Journal

Name: _____

Date: _____

★ Score: _____

 Explain Your Thinking!*Tell Me What You Know!**In the number 44.4, every digit is a 4. Are all three 4s worth the same? Explain why or why not.*

*Leo says, "If I move a digit one place to the **left**, its value doubles." Is Leo correct? Explain what really happens when a digit moves one place to the left.*

★ *Worksheet Superstar!* 

You finished all the activities!



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CHAPTER

2

Operations with Decimals

★ What's Inside ★

2.1 Add Decimals	9
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★ 2.1 Add Decimals ★

🎯 Skills You'll Practice

- Line up decimal points and add decimals to the hundredths
- Annex zeros when numbers have different decimal places
- Regroup (carry) across the decimal point

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 WORKSHEET 1

Decimal Addition Speed Round

Name: _____

Date: _____

★ Score: _____

Quick Math!

How Fast Can You Add?

 3 min

Add each pair of decimals. Write the sum in the blank.

<i>Problem</i>	<i>Sum</i>	<i>Problem</i>	<i>Sum</i>
$3.42 + 5.36$	_____	$0.75 + 0.25$	_____
$6.80 + 1.19$	_____	$4.5 + 3.27$	_____
$8.09 + 1.91$	_____	$12.6 + 0.85$	_____


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 WORKSHEET 2

Decimal Addition Mistake Hunt



Name: _____

Date: _____

Score: _____

Error Detective!

Can You Find the Mistakes?

Leo solved these decimal addition problems. **Some have mistakes!** Find each error and write the correct answer:

Leo says: "5.7 + 2.46 = 7.53."

$$\begin{array}{r} 5.7 \\ + 2.46 \\ \hline 7.53 \end{array}$$

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

Leo says: "3.85 + 4.15 = 7.100."

$$\begin{array}{r} 3.85 \\ + 4.15 \\ \hline 7.100 \end{array}$$

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

Leo says: "9 + 1.42 = 2.42."

$$9 + 1.42 = 2.42$$



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

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WORKSHEET 3

Match the Sums!

Name: _____

Date: _____

★ Score: _____

Match the Pairs!

Draw Lines to Connect Each Problem to Its Sum!

Each addition problem on the left equals one sum on the right. Draw a line to match!

$2.35 + 4.65$

9.17

$6.08 + 3.09$

7.00

$1.5 + 0.83$

10.00

$7.25 + 2.75$

2.33

$0.9 + 5.4$

6.30



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 WORKSHEET 4

At the Snack Bar



Name: _____

Date: _____

Score: _____

Real-World Math!

Snack Bar Prices!

Mia and her friends visit the snack bar after soccer practice. Here are the prices:

 Hot Dog	\$3.75
 Lemonade	\$1.50
 Fruit Cup	\$2.25
 Cookie	\$0.85

Mia buys a hot dog and a lemonade. What is her total? _____

Marcus buys a fruit cup and a cookie. What is his total? _____

How much do Mia and Marcus spend altogether? _____


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WORKSHEET 5

Decimal Addition Journal

Name: _____

Date: _____

★ Score: _____

 Explain Your Thinking!

Show What You Know!

Zara says, "When I add $4.3 + 2.15$, I don't need to annex a zero. I can just line up the numbers at the **right** side, like this:"

$$\begin{array}{r} 4.3 \\ +2.15 \\ \hline \end{array}$$

Is Zara's method correct? What could go wrong? Explain your answer.

A friend says that $0.5 + 0.5 = 0.10$. Another friend says $0.5 + 0.5 = 1.0$. Who is right, and why?



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You finished all the activities!

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