Grade 5   Units 3 & 4   Week 3

Parents: Please help your child choose the most appropriate assignment(s) to complete each day. When the day's assignment is done, students finish the two reflection statements on this page.

Please note Extra Practice activities are on-level for the grade level. Re-Engage activities give students additional support.

Special Education students should use the Re-Engage lessons as shown in the weekly plans.

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	Solve addition equations and word problems with decimals.	Solve subtraction equations and word problems with decimals.	Solve addition/subtraction equations and word problems with decimals.	Multiply whole numbers by decimals using the distributive property	Multiply a decimal by a decimal using the distributive property
Assignment	Unit 3 Lesson 3 Re-Engage Extra Practice	Unit 3 Lesson 6 Re-Engage Extra Practice	Unit 3 Lesson 7 Homework	Unit 4 Lesson 3 Re-Engage Extra Practice	Unit 4 Lesson 7 Re-Engage Extra Practice
Video link	Unit 3 Lesson 3 English Spanish	Unit 3 Lesson 6 English Spanish	Unit 3 Lesson 7 English Spanish	Unit 4 Lesson 3 English Spanish	Unit 4 Lesson 7 English Spanish
Fluency Practice	Addition A Sums Within 18 (70 Items)	Addition B Sums Within 18 (70 Items)	Online Facts Practice Addition Families from 2 to 9 5-10 minutes	Subtraction A Differences Within 18 (70 Items)	Subtraction B Differences Within 18 (70 Items)
Reflection	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…	One thing I was successful with is… One thing I need more help with is…

Find this packet on swunmath.com. Click on the hyperlinks to jump to the lesson videos.

Model

$$3.74 + 6.25 = \underline{\hspace{2cm}}$$

↑ addend ↑ addend ↑ sum

Steps:

1. Line up the addends by place value.
2. Write the decimal point in the sum.
3. Add the hundredths. If there are more than 10 hundredths, regroup.
4. Add the tenths. If there are more than 10 tenths, regroup.
5. Add the ones. If there are more than 10 ones, regroup.

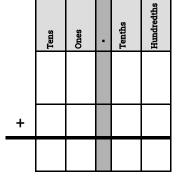| Tens	Ones	.	Tenths	Hundredths
	3	.	7	4
+	6	.	2	5
	9	.	9	9

Zeros at the end of the decimals may be dropped.

Structured Guided Practice

Directions: Find the sum.

1. 4.26 + 3.13 =

Tens	Ones	.	Tenths	Hundredths
		.		
+		.		
		.		

2. 7.14 + 1.26 =

Tens	Ones	.	Tenths	Hundredths
		.		
+		.		
		.		

3. 3.53 + 5.64 =

Tens	Ones	.	Tenths	Hundredths
		.		
+		.		
		.		

4. 2.67 + 8.44 =

Tens	Ones	.	Tenths	Hundredths
		.		
+		.		
		.		

Student Practice

Directions: Find the sum.

1. 7.38 + 2.11 =

Tens	Ones	.	Tenths	Hundredths
+				

2. 4.36 + 2.53 =

Tens	Ones	.	Tenths	Hundredths
+				

3. 4.67 + 3.13 =

Tens	Ones	.	Tenths	Hundredths
+				

4. 6.24 + 1.27 =

Tens	Ones	.	Tenths	Hundredths
+				

5. 5.61 + 3.72 =

Tens	Ones	.	Tenths	Hundredths
+				

6. 8.33 + 2.84 =

Tens	Ones	.	Tenths	Hundredths
+				

Directions: Find the sum using any strategy.

1. 2.73 + 1.5 =

2. A farmer weighed a watermelon at 2.13 pounds and a cucumber at 1.08 pounds. What is the total weight of the watermelon and the cucumber?

3. Sallie and Wendy rode their bikes around the neighborhood. Sallie rode for 1.35 miles and Wendy rode for 2.45 miles. How many miles did they ride altogether?

4. 1.2 + 1.92 =

Directions: Find the sum using any strategy.

5. 6.8 + 2.27 =

6. Leonardo's Market sold 5 pounds of garlic on Monday, 4.56 pounds of garlic on Tuesday and 4.08 pounds of garlic on Wednesday. How many pounds of garlic did the market sell on these three days?

7. 9.61 + 0.37 =

8. Ryan weighs 36.78 kilograms and his brother Wayne weighs 42.90 kilograms. How much do the two brothers weigh altogether?

Model

$$4.35 - 2.72 = \underline{}$$

↑ minuend   ↑ subtrahend   ↑ difference

Steps:

1. Line up the minuend and subtrahend by place value.
2. Write the decimal point in the difference.
3. Subtract the hundredths. If there are not enough hundredths in the minuend, regroup.
4. Subtract the tenths. If there are not enough tenths in the minuend, regroup.
5. Subtract the ones.

The difference is 1.63.

Tens	Ones	.	Tenths	Hundredths
	³4̸	.	¹³3̸	5
−	2	.	7	2
	1	.	6	3

Zeros at the end of the decimals may be dropped.

Structured Guided Practice

Directions: Find the difference.

1. 7.65 - 3.14 =

Tens	Ones	.	Tenths	Hundredths
		.		
−		.		
		.		

2. 8.27 - 1.24 =

Tens	Ones	.	Tenths	Hundredths
		.		
−		.		
		.		

3. 9.44 - 4.71 =

Tens	Ones	.	Tenths	Hundredths
		.		
−		.		
		.		

4. 10.10 - 5.63 =

Tens	Ones	.	Tenths	Hundredths
		.		
−		.		
		.		

Student Practice

Directions: Find the difference.

1. 7.59 - 3.33 =

Tens	Ones	.	Tenths	Hundredths

2. 7.89 - 5.17 =

Tens	Ones	.	Tenths	Hundredths

3. 8.70 - 7.26 =

Tens	Ones	.	Tenths	Hundredths

4. 3.92 - 1.64 =

Tens	Ones	.	Tenths	Hundredths

5. 6.23 - 4.52 =

Tens	Ones	.	Tenths	Hundredths

6. 6.26 - 2.95 =

Tens	Ones	.	Tenths	Hundredths

Directions: Find the difference using any strategy.

1. $3.7 - 1.3 =$

2. Maria has a paper chain that is 5.5 feet long. If she takes off 1.75 feet of the paper chain, how much does she have left?

3. $6.14 - 3.8 =$

4. Lynn saved $8.70. Then she spent $2.48 for a new pencil box. How much money does she have left?

Directions: Find the difference using any strategy.

5. $12.5 - 1.9 =$

6. Oliver has 5.5 liters of soda. He gives 2.25 liters of soda to his friends. How many liters of soda does Oliver have left?

7. $8.28 - 1.7 =$

8. $15.90 - 2.43 =$

Directions: Read and answer each question.

1. Jessie measured the growth of his tomato plant. It has grown 8.6 inches in three weeks. If it grew 2.2 inches the first week and 3.11 inches the second week, how much did the plant grow during the third week? Explain how you found your solution.

2. Karina buys a chocolate bar for $1.50 and a bag of chips for $2.25. She has $14.43 left. How much money did she start with? Explain how you found your solution.

3. Sallie needs 10.75 feet of ribbon for a craft project. She has 3 pieces of ribbon. The first piece is 2.75 feet long, the second piece is 4.83 feet long, and the third piece is 1.91 feet long. Does Sallie have enough ribbon for her project? If not, how much more ribbon does she need? Explain how you solved the problem.

4. Jonathon subtracted 2 numbers that had a difference of 12.67. He added 2 numbers that had a sum of 12.67. What numbers might he have subtracted and what numbers might he have added to arrive at the number 12.67?

Model

$3 \times 4.8 =$ _____

<u>Steps:</u>

1. Multiply the first factor by the ones place of the second factor.

$$3 \times 4.8 \longrightarrow 3 \times 4 = 12$$

2. Multiply the first factor by the tenths place of the second factor.

$$3 \times 4.8 \longrightarrow 3 \times .8 = 2.4$$

3. Add the partial products

$$\begin{array}{r} 1\ 2. \\ +\quad 2.4 \\ \hline 1\ 4.4 \end{array}$$

The product is 14.4.

* Estimate the product before multiplying by rounding the decimal.
"<u>3 × 4.8</u> is close to <u>15</u> because _____."

Structured Guided Practice

Directions: Find the product using the distributive property.

1. $4 \times 2.4 =$

   $4 \times 2.4 =$ _____

   $4 \times 2.4 =$ _____

   Add the partial products: _____

2. $7 \times 3.6 =$

   $7 \times 3.6 =$ _____

   $7 \times 3.6 =$ _____

   Add the partial products: _____

3. $6 \times 2.8 =$

   $6 \times 2.8 =$ _____

   $6 \times 2.8 =$ _____

   Add the partial products: _____

4. $5 \times 5.7 =$

   $5 \times 5.7 =$ _____

   $5 \times 5.7 =$ _____

   Add the partial products: _____

Student Practice

Directions: Find the product using the distributive property.

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1. $4 \times 2.3 =$

   $4 \times 2.3 =$ _____

   $4 \times 2.3 =$ _____

   Add the partial products: _____

2. $7 \times 4.2 =$

   $7 \times 4.2 =$ _____

   $4 \times 4.2 =$ _____

   Add the partial products: _____

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3. $3 \times 5.5 =$

   $3 \times 5.5 =$ _____

   $3 \times 5.5 =$ _____

   Add the partial products: _____

4. $8 \times 7.1 =$

   $8 \times 7.1 =$ _____

   $8 \times 7.1 =$ _____

   Add the partial products: _____

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5. $6 \times 3.3 =$

   $6 \times 3.3 =$ _____

   $6 \times 3.3 =$ _____

   Add the partial products: _____

6. $2 \times 9.4 =$

   $2 \times 9.4 =$ _____

   $2 \times 9.4 =$ _____

   Add the partial products: _____

Directions: Solve using the distributive property.

1. 3×1.25

2. A mechanical pencil costs $0.75. How much would it cost to buy 3 mechanical pencils?

3. 4.05×7

4. Erica bought a package of 12 chocolate cookies. Each cookie weighed 0.8 ounces. How much did the 12 cookies weigh altogether?

Directions: Solve using the distributive property.

5. $5.34 \times 6 =$

6. Each piece of cardboard is 0.15 centimeters thick. If Kurt stacks 5 pieces of cardboard on top of one another, how thick will the stack be?

7. 7×1.2

8. How much does it cost to buy 4 kiwis if each kiwi costs $0.89?

Model

$$4.3 \times 2.1 = \rule{2cm}{0.4pt}$$

Steps:

1. Multiply the <u>ones</u> place of the <u>first</u> factor by the <u>ones</u> place of the <u>second</u> factor.

$$4.3 \times 2.1 = \underline{\quad 8 \quad}$$

2. Multiply the <u>ones</u> place of the <u>first</u> factor by the <u>tenths</u> place of the <u>second</u> factor.

$$4.3 \times 2.1 = \underline{\quad 0.4 \quad}$$

3. Multiply the <u>tenths</u> place of the <u>first</u> factor by the <u>ones</u> place of the <u>second</u> factor.

$$4.3 \times 2.1 = \underline{\quad 0.6 \quad}$$

4. Multiply the <u>tenths</u> place of the <u>first</u> factor by the <u>tenths</u> place of the <u>second</u> factor.

$$4.3 \times 2.1 = \underline{\quad 0.03 \quad}$$

5. Add the partial products.

$$9.03$$

Structured Guided Practice

Directions: Find the product using the distributive property.

1. $2.4 \times 3.1 =$

$$2.4 \times 3.1 = \rule{2cm}{0.4pt}$$

$$2.4 \times 3.1 = \rule{2cm}{0.4pt}$$

$$2.4 \times 3.1 = \rule{2cm}{0.4pt}$$

$$2.4 \times 3.1 = \rule{2cm}{0.4pt}$$

Add the partial products: _____

2. $3.6 \times 2.8 =$

$$3.6 \times 2.8 = \rule{2cm}{0.4pt}$$

$$3.6 \times 2.8 = \rule{2cm}{0.4pt}$$

$$3.6 \times 2.8 = \rule{2cm}{0.4pt}$$

$$3.6 \times 2.8 = \rule{2cm}{0.4pt}$$

Add the partial products: _____

Student Practice

Directions: Find the product using the distributive property.

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1. $6.3 \times 2.4 =$

    $6.3 \times 2.4 =$ _____

    $6.3 \times 2.4 =$ _____

    $6.3 \times 2.4 =$ _____

    $6.3 \times 2.4 =$ _____

    Add the partial products: _____

2. $2.5 \times 4.7 =$

    $2.5 \times 4.7 =$ _____

    $2.5 \times 4.7 =$ _____

    $2.5 \times 4.7 =$ _____

    $2.5 \times 4.7 =$ _____

    Add the partial products: _____

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3. $7.2 \times 3.8 =$

    $7.2 \times 3.8 =$ _____

    $7.2 \times 3.8 =$ _____

    $7.2 \times 3.8 =$ _____

    $7.2 \times 3.8 =$ _____

    Add the partial products: _____

4. $8.3 \times 3.1 =$

    $8.3 \times 3.1 =$ _____

    $8.3 \times 3.1 =$ _____

    $8.3 \times 3.1 =$ _____

    $8.3 \times 3.1 =$ _____

    Add the partial products: _____

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5. $7.3 \times 2.6 =$

    $7.3 \times 2.6 =$ _____

    $7.3 \times 2.6 =$ _____

    $7.3 \times 2.6 =$ _____

    $7.3 \times 2.6 =$ _____

    Add the partial products: _____

6. $4.3 \times 6.4 =$

    $4.3 \times 6.4 =$ _____

    $4.3 \times 6.4 =$ _____

    $4.3 \times 6.4 =$ _____

    $4.3 \times 6.4 =$ _____

    Add the partial products: _____

Directions: Solve using the distributive property.

1. 2.8×3.5

2. Lani travels 5.2 miles from her house to school. Carrie's house is 1.5 times as far as Lani's house to school. Find the distance between Carrie's home and the school in miles.

3. 17.3×4.2

4. Julie's car gets 21.8 miles per gallon on the highway. If her fuel tank has 5.4 gallons in it, how far can she travel on the highway?

Directions: Solve using the distributive property.

5. 3.7×2.9

6. 23.5×6.2

7. A desk measures 5.7 feet by 3.4 feet. What is the area of the desk?

8. 1.7×4.1

Name_____ **Date**_____

4 + 2	5 + 2	7 + 3	2 + 6	6 + 2	3 + 4	7 + 9	5 + 0	2 + 9	6 + 4
9 + 8	7 + 6	5 + 5	3 + 7	4 + 8	6 + 7	7 + 7	4 + 9	9 + 3	5 + 3
8 + 7	4 + 3	7 + 2	5 + 8	2 + 3	9 + 4	2 + 5	6 + 5	5 + 4	3 + 9
7 + 1	8 + 9	9 + 1	7 + 5	4 + 4	6 + 6	4 + 6	4 + 5	6 + 8	3 + 8
2 + 2	9 + 5	7 + 4	3 + 5	3 + 6	8 + 8	8 + 5	8 + 3	6 + 9	9 + 7
9 + 6	5 + 6	6 + 3	2 + 1	7 + 8	9 + 2	8 + 4	3 + 2	4 + 7	8 +2
8 +6	4 + 1	3 + 1	2 + 7	2 + 8	2 + 4	9 + 9	5 + 9	5 + 7	3 + 3

Name_____ **Date**_____

8 + 7	4 + 3	7 + 2	5 + 8	2 + 3	9 + 4	2 + 5	6 + 5	5 + 4	3 + 9
8 +6	4 + 1	3 + 1	2 + 7	2 + 8	2 + 4	9 + 9	5 + 9	5 + 7	3 + 3
2 + 2	9 + 5	7 + 4	3 + 5	3 + 6	8 + 8	8 + 5	8 + 3	6 + 9	9 + 7
9 + 6	5 + 6	6 + 3	2 + 1	7 + 8	9 + 2	8 + 4	3 + 2	4 + 7	8 +2
9 + 8	7 + 6	5 + 5	3 + 7	4 + 8	6 + 7	7 + 7	4 + 9	9 + 3	5 + 3
4 + 2	 + 2	 + 3	2 + 6	6 + 2	3 + 4	7 + 9	5 + 0	2 + 9	6 + 4
7 + 1	8 + 9	9 + 1	7 + 5	4 + 4	6 + 6	4 + 6	4 + 5	6 + 8	3 + 8

Name_____ **Date**_____

15	14	13	11	15	13	9	8	9	8
− 8	− 6	− 8	− 2	− 9	− 7	− 5	− 2	− 2	− 6
9	9	11	10	8	9	9	11	12	7
− 8	− 6	− 5	− 7	− 4	− 7	− 7	− 9	− 3	− 4
8	9	8	4	13	11	5	12	10	12
− 7	− 6	− 5	− 2	− 4	− 7	− 3	− 7	− 4	− 5
10	17	15	14	14	10	18	5	12	6
− 8	− 8	− 7	− 8	− 9	− 2	− 9	− 2	− 9	− 2
12	13	10	10	17	8	14	17	11	7
− 3	− 6	− 6	− 7	− 9	− 4	− 7	− 8	− 9	− 3
16	15	11	13	10	16	11	10	9	12
− 6	− 5	− 3	− 9	− 5	− 7	− 4	− 9	− 7	− 4
7	12	11	9	9	4	10	11	16	9
− 5	− 8	− 6	− 8	− 4	− 3	− 3	− 8	− 8	− 3

Name_____ **Date**_____

16	15	11	13	10	16	11	10	9	12
− 6	− 5	− 3	− 9	− 5	− 7	− 4	− 9	− 7	− 4

7	12	11	9	9	4	10	11	16	9
− 5	− 8	− 6	− 8	− 4	− 3	− 3	− 8	− 8	− 3

10	17	15	14	14	10	18	5	12	6
− 8	− 8	− 7	− 8	− 9	− 2	− 9	− 2	− 9	− 2

9	9	11	10	8	9	9	11	12	7
− 8	− 6	− 5	− 7	− 4	− 7	− 7	− 9	− 3	− 3

15	14	13	11	15	13	9	8	9	8
− 8	− 6	− 8	− 2	− 9	− 7	− 5	− 2	− 2	− 6

8	9	8	4	13	11	5	12	10	12
− 7	− 6	− 5	− 2	− 4	− 7	− 3	− 7	− 4	− 5

12	13	10	10	17	8	14	17	11	7
− 3	− 6	− 6	− 7	− 9	− 4	− 7	− 8	− 9	− 4

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Beyond the Basic Facts: Grades 3 and Above