

Grade 6

Unit 1

Week 1

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.

	Monday	Tuesday	Wednesday	Thursday	Friday
Topic	Solve problems by adding and subtracting decimals.	Multiply decimals by whole numbers.	Multiply decimals by decimals.	Divide with single-digit divisors using the standard algorithm.	Divide decimals by whole numbers.
Assignment	Unit 1 Lesson 1 Re-Engage A Re-Engage B Extra Practice	Unit 1 Lesson 5 Re-Engage A Re-Engage B Extra Practice	Unit 1 Lesson 7 Re-Engage C Extra Practice	Unit 1 Lesson 9 Re-Engage B Re-Engage C Extra Practice	Unit 1 Lesson 11 Re-Engage A Extra Practice
Video link	Unit 1 Lesson 1 English Spanish	Unit 1 Lesson 5 English Spanish	Unit 1 Lesson 7 English Spanish	Unit 1 Lesson 9 English Spanish	Unit 1 Lesson 11 English Spanish
Reflection	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...	One thing I was successful with is...
	One thing I need more help with is...	One thing I need more help with is...	One thing I need more help with is...	One thing I need more help 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.

Re-Engage

Unit 1 Lessons 1-3a: Add Decimals



Name: _____

Date: _____

Model

$$261.437 + 24.2 =$$

1. Rewrite the problem into working form and make sure to line up the decimals and place values.
2. Fill in any empty spaces with a zero.
3. Once the place values are lined up, bring down the decimal into the answer column.
4. Add the decimals and regroup when necessary.

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
						2	6	1	.	4	3	7
							2	4	.	2	0	0
						+						
						2	8	5	.	6	3	7

Structured Guided Practice

Directions: Solve.

$$1. 28.97 + 143.62 =$$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
						+						
									.			

$$2. 249.76 + 82.8 =$$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
						+						
									.			

Re-Engage

Unit 1 Lessons 1-3a: Add Decimals



Student Practice

Directions: Solve.

1. $124.2 + 7.36 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
+												
									.			
									.			

2. $468.127 + 78.62 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
+												
									.			
									.			

3. $86.32 + 14.8 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
+												
									.			
									.			

4. $234.67 + 689.4 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
+												
									.			
									.			

Re-Engage

Unit 1 Lessons 1-3b: Subtract Decimals



Name: _____

Date: _____

Model

$$378.67 - 62.4 =$$

1. Rewrite the problem into working form and make sure to line up the decimals and place values.
2. Fill in any empty spaces with a zero.
3. Once the place values are lined up, bring down the decimal into the answer column.
4. Subtract the decimals and regroup when necessary.

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
						3	7	8	.	6	7	
							6	2	.	4	0	
						3	1	6	.	2	7	

Structured Guided Practice

Directions: Solve.

$$1. 249.76 - 82.8 =$$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
									.			

$$2. 124.2 - 7.36 =$$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			
									.			

Re-Engage

Unit 1 Lessons 1-3b: Subtract Decimals



Student Practice

Directions: Solve.

1. $86.32 - 14.8 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			

2. $212.89 - 7.68 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			

3. $475.3 - 78.67 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			

4. $567.89 - 72.9 =$

Millions			Thousands			Ones				Thousandths		
Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	.	Tenths	Hundredths	Thousandths
									.			
									.			

Extra Practice

Unit 1 Lessons 1-3: Add and Subtract Decimals



Name: _____

Date: _____

Directions: Estimate and then evaluate the expression.

1. $127.6 + 23.15 + 5.379$

2. $452.81 + 63.375 + 5.4$

3. Tim went lake fishing and caught three fish. The first fish weighed 5.247 pounds the second fish weighed 12.65 pounds and the third fish weighed 11.8 pounds. What was the total weight of all three fish?

4. A chef spent \$43.21 on fish, \$9.08 on vegetables and \$12.78 on chicken. How much did the chef spend in all?

Extra Practice

Unit 1 Lessons 1-3: Add and Subtract Decimals



Directions: Estimate and then evaluate the expression.

5. $325.078 - 32.64 - 0.13$

6. $28.93 - 2.615 - 12.4$

7. Ken has a \$200 gift card. He bought some headphones for \$102.58 and a backpack for \$43.29. How much money does he still have left on the gift card?

8. Kara has 12.23 feet of ribbon to wrap presents. She used 5.6 feet of ribbon for holiday gifts and 4.84 feet of ribbon on birthday gifts. How much ribbon does she have left?

Re-Engage

Unit 1 Lessons 5-7a: Multiply Decimals by One-Digit Whole Numbers



Name: _____

Date: _____

Model

$$278.4 \times 3 =$$

Solve:

1. Write the problem in working form. \longrightarrow

$$\begin{array}{r} 278.4 \\ \times \quad 3 \\ \hline \end{array}$$

2. Multiply. \longrightarrow

$$\begin{array}{r} 278.4 \\ \times \quad 3 \\ \hline 835.2 \end{array}$$

Place the decimal point:

3. Underline and count all the digits after (to the right of) the decimal point in each factor. \longrightarrow

$$\begin{array}{r} 278.\underline{4} \\ \times \quad 3 \\ \hline 835.\underline{2} \end{array}$$

4. In the product, underline the same number of digits beginning from the right. Place the decimal before (to the left of) the underlined digits. \longrightarrow

$$\boxed{835.2}$$

Structured Guided Practice

Directions: Solve.

1. $264.7 \times 3 =$

Solve.

Place the decimal point.

2. $78.9 \times 8 =$

Solve.

Place the decimal point.

Re-Engage

Unit 1 Lessons 5-7a: Multiply Decimals by One-Digit Whole Numbers



Student Practice

Directions: Solve.

1. $78.6 \times 3 =$

2. $87.9 \times 6 =$

3. $642.3 \times 3 =$

4. $489.5 \times 7 =$

5. $98.7 \times 6 =$

6. $987.6 \times 4 =$

Re-Engage

Unit 1 Lessons 5-7b: Multiply Decimals by Two-Digit Whole Numbers



Name: _____

Date: _____

Model

$$432.2 \times 23 =$$

Solve:

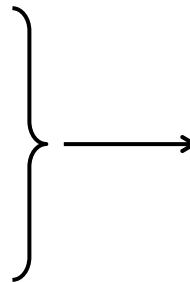
1. Write the problem in working form and multiply.



$$\begin{array}{r} 432.2 \\ \times 23 \\ \hline 12966 \\ + 86440 \\ \hline 99406 \end{array}$$

Place the decimal point:

2. Underline and count all the digits after (to the right of) the decimal point in each factor.
3. In the product, underline the same number of digits beginning from the right. Place the decimal before (to the left of) the underlined digits.



$$\begin{array}{r} 432.\underline{2} \\ \times 23 \\ \hline 129\underline{66} \\ + 86440 \\ \hline 994\underline{06} \end{array}$$

$$\boxed{994.06}$$

Structured Guided Practice

Directions: Solve.

1. $89.7 \times 24 =$

Solve.

		x		
		+		

Place the decimal point.

2. $458.3 \times 43 =$

Solve.

		x		
		+		

Place the decimal point.

Re-Engage

Unit 1 Lessons 5-7b: Multiply Decimals by Two-Digit Whole Numbers



Student Practice

Directions: Solve.

1. $76.8 \times 38 =$

2. $345.6 \times 52 =$

3. $98.6 \times 76 =$

4. $279.8 \times 39 =$

Extra Practice

Unit 1 Lessons 5-6: Multiply Decimals by Whole Numbers



Name: _____

Date: _____

Directions: Find the product.

1. $457.26 \times 5 =$

2. $3.248 \times 7 =$

3. James bought 4 hamburgers. Each hamburger cost \$2.98. How much did James spend on hamburgers?

4. Stuart has 38 bricks for a project in his backyard. Each brick weighs 5.92 pounds. How much do the bricks weigh altogether?

Extra Practice

Unit 1 Lesson 7: Multiply Decimals by Decimals



Directions: Find the product.

1. $3.78 \times 5.2 =$

2. $12.7 \times 0.36 =$

3. There are 212.5 grams of sugar in a 2-liter bottle of soda. How much sugar is there in 4.5 bottles?

4. There are 0.185 grams of sodium in a serving of chips. How many grams of sodium in 1.25 servings?

Re-Engage

Unit 1 Lessons 5-7c: Multiply Decimals by Decimals



Name: _____

Date: _____

Model

$2.34 \times 3.5 =$

Solve:

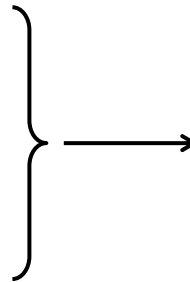
1. Write the problem in working form and multiply.



$$\begin{array}{r} 2.34 \\ \times 3.5 \\ \hline 1170 \\ + 7020 \\ \hline 8190 \end{array}$$

Place the decimal point:

2. Underline and count all the digits after (to the right of) the decimal point in each factor.
3. In the product, underline the same number of digits beginning from the right. Place the decimal before (to the left of) the underlined digits.



$$\begin{array}{r} \underline{2.34} \\ \times \underline{3.5} \\ \hline 1170 \\ + 7020 \\ \hline 8.\underline{190} \end{array}$$

8.190

Structured Guided Practice

Directions: Solve.

1. $1.78 \times 2.6 =$

Solve.

		x		
		+		

Place the decimal point.

2. $2.39 \times 4.8 =$

Solve.

		x		
		+		

Place the decimal point.

Re-Engage

Unit 1 Lessons 5-7c: Multiply Decimals by Decimals



Student Practice

Directions: Solve.

1. $7.89 \times 2.4 =$

2. $9.86 \times 3.7 =$

3. $24.3 \times 7.8 =$

4. $56.3 \times 1.26 =$

5. $7.8 \times 6.23 =$

4. $47.8 \times 6.9 =$

Re-Engage

Unit 1 Lessons 8-10b: Divide Three-Digit Numbers with One-Digit Divisors



Name: _____

Date: _____

Model

$984 \div 3 =$

1. Rewrite in working form and divide. \longrightarrow
2. Multiply. \longrightarrow
3. Subtract and compare. \longrightarrow
4. Bring down. \longrightarrow
5. Repeat steps 2-4 as needed. \longrightarrow

	3			
3)	9	8	4

	x	3		
3	)	9	8	4
		9		

	x	3		
3	)	9	8	4
		-	↓	
		0	8	

	x	3	2	8
3	)	9	8	4
		-	↓	
		0	8	|
		-	6	↓
			2	4
		-	2	4
				0

Structured Guided Practice

Directions: Solve.

1. $468 \div 2 =$

	x		
)		
	-		
	-		
	-		
	-		

2. $162 \div 9 =$

	x		
)		
	-		
	-		
	-		
	-		

Re-Engage

Unit 1 Lessons 8-10b: Divide Three-Digit Numbers with One-Digit Divisors



Student Practice

Directions: Solve.

1. $456 \div 4 =$

2. $369 \div 3 =$

3. $152 \div 8 =$

4. $612 \div 6 =$

5. $782 \div 2 =$

6. $712 \div 4 =$

Re-Engage

Unit 1 Lessons 8-10c: Divide Three-Digit Numbers with Two-Digit Divisors



Name: _____

Date: _____

Model

$864 \div 36 =$

1. Rewrite in working form and divide. \longrightarrow
2. Multiply. \longrightarrow
3. Subtract and compare. \longrightarrow
4. Bring down. \longrightarrow
5. Repeat steps 2-4 as needed. \longrightarrow

				2	
3	6)	8	6	4

				2	
3	6	)	8	6	4
			7	2	

				2	
3	6	)	8	6	4
			-7	2	
			1	4	

				2	
3	6	)	8	6	4
			-7	2	↓
			1	4	4

				2	4
3	6	)	8	6	4
			-7	2	↓
			1	4	4
			-1	4	4
					0

Structured Guided Practice

Directions: Solve.

1. $884 \div 34 =$

		x)	
		-		
		-		
		-		

2. $966 \div 42 =$

		x)	
		-		
		-		
		-		

Re-Engage

Unit 1 Lessons 8-10c: Divide Three-Digit Numbers with Two-Digit Divisors



Student Practice

Directions: Solve.

1. $910 \div 65 =$

2. $979 \div 11 =$

3. $720 \div 48 =$

4. $600 \div 15 =$

5. $624 \div 13 =$

6. $946 \div 86 =$

Extra Practice

Unit 1 Lessons 8-10: Multi-Digit Division with a Single Digit Divisor and Multi-Digit Divisor



Name: _____

Date: _____

Directions: Solve using the algorithm.

1. $876 \div 2$

2. $534 \div 6$

3. $6,272 \div 8$

4. $4,809 \div 7$

Extra Practice

Unit 1 Lessons 8-10: Multi-Digit Division with a Single Digit Divisor and Multi-Digit Divisor



Directions: Solve using the algorithm.

5. $1,392 \div 48$

6. $2556 \div 18$

7. $369 \div 41$

8. $17,134 \div 26$

Re-Engage

Unit 1 Lessons 11-13a: Divide Decimals by Whole Numbers



Name: _____

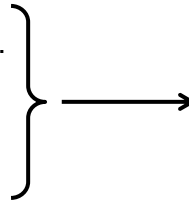
Date: _____

Model

$24.6 \div 2 =$

Place the decimal point:

1. Rewrite the problem in working form.
2. Bring the decimal point straight up into the quotient.



2	)	2	4	.6

Solve:

3. Solve using the division steps for whole numbers.



	x	1	2	.3
2	)	2	4	.6
		-2		
		0	4	
			-4	
			0	6
				-6
				0

Structured Guided Practice

Directions: Solve.

1. $63.9 \div 3 =$

Place the decimal point.

Solve.

	x			
)			
	-			
	-			
	-			
	-			

2. $48.6 \div 2 =$

Place the decimal point.

Solve.

	x			
)			
	-			
	-			
	-			
	-			

Re-Engage

Unit 1 Lessons 11-13a: Divide Decimals by Whole Numbers



Student Practice

Directions: Solve.

1. $15.12 \div 2 =$

2. $18.36 \div 3 =$

3. $14.12 \div 2 =$

4. $46.26 \div 3 =$

5. $36.24 \div 4 =$

6. $84.4 \div 8 =$

Extra Practice

Unit 1 Lessons 11-12: Divide Decimals by Whole Numbers



Name: _____

Date: _____

Directions: Find the quotient. Then check your work.

1. $22.75 \div 7 =$

2. $15.372 \div 3 =$

3. $511.64 \div 4 =$

4. $732.6 \div 9 =$

Extra Practice

Unit 1 Lessons 11-12: Divide Decimals by Whole Numbers



Directions: Find the quotient. Then check your work.

5. $616.5 \div 15 =$

6. $324.76 \div 23 =$

7. $261.8 \div 11 =$

8. $49.259 \div 31 =$