# Grade 7 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	Add integers.	Add rational numbers.	Subtract integers.	Subtract rational numbers.	Add and subtract rational numbers using equivalent fractions.
Assignment	Unit 1 Lesson 4 Re-Engage B Extra Practice	Unit 1 Lesson 5 Re-Engage A Re-Engage B Extra Practice	Unit 1 Lesson 8 Re-Engage A Extra Practice	Unit 1 Lesson 9 Re-Engage A Re-Engage B Extra Practice	Unit 1 Lesson 10 Re-Engage A Re-Engage B Extra Practice
Video link	<u>Unit 1 Lesson 4</u>	<u>Unit 1 Lesson 5</u>	Unit 1 Lesson 8	<u>Unit 1 Lesson 9</u>	Unit 1 Lesson 10
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.





Step 1. Draw an appropriate number line; label the zero and the first addend.



## **Structured Guided Practice**

**Directions:** Solve using a number line.

 1. 212 - 16 + 23

 2. 124 - 35 + 26



**Re-Engage** Unit 1 Lesson 3-4b: Adding and Subtracting Multi-Digit Numbers on a Number Line



### **Student Practice**

**Directions:** Solve using a number line.

1. 127 - 25 + 92
2. 216 - 28 + 20
3. 223 - 52 + 86
4. 135 - 73 + 15
5. 238 - 21 + 18
6. 179 - 72 + 45



Name:	
Date:	

Directions: Evaluate each expression.

136 + 58	2. 9+(-72)
3. 16 + (-42) + 3	4. 21 + (-73) + 56
5. 14 + (-34) + 42 + (-12)	611 + 33



#### **Re-Engage Unit 1 Lesson 5a: Adding Fractions**

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TA	a			

### Model



Directions: Add

Step 1. Start by finding the common denominators and equivalent fractions

 $\frac{5}{8} = \frac{25}{40}$  and  $\frac{3}{5} = \frac{24}{40}$ .

Step 2. Add the new numerators to get 49 and keep the denominator the same for a sum of 49 **40** ·

Step 3. Simplify, if possible.

Solution is  $\frac{49}{40}$ .

## **Structured Guided Practice**





### **Re-Engage** Unit 1 Lesson 5a: Adding Fractions



## **Student Practice**

1. $\frac{4}{7} + \frac{2}{5}$	2. $\frac{1}{3} + \frac{3}{7}$
3. $\frac{4}{7} + \frac{1}{4}$	4. $\frac{5}{6} + \frac{1}{5}$
5. $\frac{3}{8} + \frac{2}{5}$	6. $\frac{1}{8} + \frac{1}{7}$



#### **Re-Engage** Unit 1 Lesson 5a: Adding Decimals

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### Model



\*Zeros at the end of the decimals may be dropped.

## **Structured Guided Practice**





**Re-Engage** Unit 1 Lesson 5a: Adding Decimals



## **Student Practice**

1. 74.42 + 29.64	2. 29.74 + 68.97
3. 36.33 + 49.85	4. 34.53 +82.38
5. 98.34 + 21.91	6. 73.35 + 89.29



## **Extra Practice**

Unit 1 · Lessons 5: Add Rational Numbers

Name Date:

Name: \_\_\_\_\_

1. $\frac{1}{5} + \left(-\frac{5}{8}\right) =$	2. 2.12 + (-13.05) =
3. $-7\frac{3}{5} + \left(-2\frac{1}{2}\right) =$	48.63 + (-41.29) =
5. $4\frac{2}{3} + (-11\frac{1}{4}) =$	67.101 + 3.6 =





Step 1. Draw an appropriate number line; label the zero and the first addend.



## **Structured Guided Practice**

**Directions:** Solve using a number line.

1. 212 + 10 - 23			
2. 124 + 35 - 26			



**Re-Engage** Unit 1 Lesson 7-8a: Adding and Subtracting Multi-Digit Numbers on a Number Line



### **Student Practice**

**Directions:** Solve using a number line.

1. 127 + 25 - 92
2. 216 + 28 - 20
3. 223 + 52 - 86
4. 135 + 73 - 15
5. 238 + 21 - 18
6. 179 + 72 - 45



Name:	
Date <sup>.</sup>	
Date.	

### Directions: Evaluate each expression.

1. –26 – (–49)	2. 63 - (-91)
331 - (-72)	4. 80 - (-25)
552 - 80	635 - 69

#### **Re-Engage** Unit 1 Lesson 9a: Subtracting Fractions

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Name: \_\_\_\_\_

Date:

### Model



**Directions: Subtract** 

Step 1. Start by finding the common denominators and equivalent fractions

 $\frac{4}{5} = \frac{28}{35}$  and  $\frac{3}{7} = \frac{15}{35}$ .

Step 2. Subtract the new numerators to get 13 and keep the denominator the same for a sum of  $\frac{13}{35}$ .

Step 3. Simplify, if possible.

Solution is  $\frac{13}{35}$ .

## **Structured Guided Practice**





### **Re-Engage** Unit 1 Lesson 9a: Subtracting Fractions



### **Student Practice**

1. $\frac{3}{7} \cdot \frac{2}{9}$	2. $\frac{1}{2} \cdot \frac{2}{5}$
3. $\frac{4}{7} \cdot \frac{1}{3}$	4. $\frac{5}{6} \cdot \frac{3}{5}$
5. $\frac{5}{8} - \frac{2}{5}$	6. $\frac{2}{5} \cdot \frac{2}{7}$



#### **Re-Engage** Unit 1 Lesson 9b: Subtracting Decimals

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Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Model



**Directions: Subtract** 

Solution is 18.63

 $\begin{array}{c|c} 41.35 - 22.72 = \\ \uparrow & \uparrow \\ \text{minuend subtrahend difference} \end{array}$ 

#### 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.

\*Zeros at the end of the decimals may be dropped.

## **Structured Guided Practice**

Directions: Subtract.





Hundredths

2

3

Tenths

13

3 5

7

6

Ones

10

X

2

8

Tens

3

2

1





### **Student Practice**

1. 92.35 – 74.16	2. 86.63 – 56.22
3. 64.92 – 35.49	4. 83.64 – 27.93
5. 42.82 – 21.37	6. 67.35 – 24.86



### **Extra Practice**

Unit 1 · Lesson 9: Subtract Rational Numbers

	Name:	
	Date:	

1. $\frac{2}{5} - \left(-\frac{3}{4}\right) =$	25.12 - (-24.3) =
3. $-2\frac{3}{5} - 5\frac{4}{7} =$	4. 21.615 – (–38.395) =
5. $11\frac{3}{4} - 8\frac{4}{5} =$	6. 5.869 – 34.47 =

#### **Re-Engage** Unit 1 Lesson 10a: Adding Mixed Numbers



Name:

Date: \_

## Model



Directions: Add

Step 1. Start by converting the mixed numbers into improper fractions.

$$3\frac{3}{5} = \frac{18}{5}$$
 and  $2\frac{2}{7} = \frac{16}{7}$ .

Step 2. Then find the common denominators and equivalent fractions

$$\frac{18}{5} = \frac{80}{35}$$
 and  $\frac{16}{7} = \frac{126}{35}$ .

Step 3. Subtract the new numerators to get 13 and keep the denominator the same for a sum of  $\frac{206}{35}$ .

Simplify and convert back into a mixed number,  $5\frac{31}{35}$ .

## **Structured Guided Practice**









## **Student Practice**

1. $1\frac{3}{8}+1\frac{3}{7}$	2. $2\frac{1}{3} + 1\frac{3}{5}$
3. $1\frac{4}{9}+2\frac{2}{7}$	4. $3\frac{1}{4}+2\frac{2}{5}$
5. $1\frac{3}{8}+3\frac{1}{5}$	6. $2\frac{1}{4}+1\frac{3}{7}$



#### **Re-Engage Unit 1 Lesson 10b: Subtracting Mixed Numbers**



Name:

Date:

## Model



**Directions: Subtract** 

Step 1. Start by converting the mixed numbers into improper fractions.

$$2\frac{3}{8} = \frac{19}{8}$$
 and  $1\frac{3}{5} = \frac{8}{5}$ .

Step 2. Then find the common denominators and equivalent fractions

$$\frac{19}{8} = \frac{95}{40}$$
 and  $\frac{7}{5} = \frac{56}{40}$ 

Step 3. Subtract the new numerators to get 13 and keep the denominator the same for a sum of  $\frac{151}{40}$ 

Simplify and convert back into a mixed number,  $3\frac{31}{40}$ .

## **Structured Guided Practice**









### **Student Practice**

1. $4\frac{4}{7} - 1\frac{2}{9}$	2. $5\frac{1}{2} - 2\frac{1}{5}$
3. $3\frac{5}{7} - 1\frac{1}{3}$	4. $3\frac{5}{6} - 2\frac{2}{5}$
5. $7\frac{7}{8} - 1\frac{2}{5}$	6. $9\frac{2}{5} - 2\frac{1}{7}$





Name:

Date:

### Directions: Evaluate each expression.

1. $\frac{13}{4} - \frac{-8}{4}$	2. $-\frac{7}{3} + \frac{-2}{3}$
3. $\frac{3}{8} + \frac{-5}{4}$	4. $-\frac{9}{5} - \frac{-3}{4}$
5. $\frac{40}{5} - \frac{-36}{15}$	6. $\frac{-5}{3} + \frac{5}{6}$

