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# **Math 8 K&E**

## **Fractions & Decimals**



# Fractions and Decimals

Unit: Fractions	I Can	Do 
1. Improper Fractions to Mixed Numbers	I can change improper fractions to mixed numbers.	Practice: pp. 55–56
2. Mixed Numbers to Improper Fractions	I can change mixed numbers to improper fractions.	Practice: pp. 59–60
3. Fractions and Decimals	I can write fractions as decimals.	Practice: p. 62
4. Insert Terminating and Repeating Decimals	I can write fractions as terminating or repeating decimals.	Practice: p. 64
5. Assessment		Quiz: pp. 65–67
6. Equivalent Fractions	I can write equivalent fractions.	Practice: p. 69
7. Ordering Fractions	I can order fractions and decimals from smallest to largest and largest to smallest.	Practice: pp. 71–74
8. Add, Subtract, Multiply, Divide Numbers and Decimals	I can add, subtract, multiply, divide numbers and decimals.	Practice: p. 76
9. Adding and Subtracting Fractions	I can add and subtract fractions.	Practice: Add: 1 (p. 78) Subtract: 2 (p. 78) Mathpower 8: pp. 45, 51

<b>Unit: Fractions</b>	<b>I Can</b>	<b>Do</b>
10. Multiply or Divide	I can multiply and divide fractions.	Practice: pp. 80–81 Mathpower 8: pp. 57, 59
11. Fraction Word Problems		Practice: pp. 82–86
12. Assessment		Quiz: p. 87–88
13. Study Guide		Study Guide: p. 89
14. Assessment		Unit Test: pp. 91–97

## ↳ NOTES:

### Fractions

I can... change improper fractions to mixed numbers.

$$\frac{14}{5} = 2 \frac{4}{5}$$

change mixed numbers to improper fractions.

$$3 \frac{1}{2} = \frac{7}{2}$$

write equivalent fractions.

order fractions and decimals from smallest to largest and from largest to smallest.

$$\frac{1}{4}, \frac{4}{10}, 0.1, \frac{6}{25}, 0.5 = 0.1, 0.24$$

$$\left(\frac{6}{25}\right), 0.25, \left(\frac{1}{4}\right), 0.4, \left(\frac{4}{10}\right), 0.5$$

add, subtract, multiply and divide numbers and decimals.

add, subtract, multiply and divide proper fractions.

## ↳ NOTES:

### Improper Fractions and Mixed Numbers

#### Definitions

**Improper Fraction:** is a fraction whose \_\_\_\_\_  
is greater than its \_\_\_\_\_.

**Examples:**  $\frac{14}{5}$ ,  $\frac{8}{3}$ ,  $\frac{19}{2}$ ,  $\frac{4}{3}$ .

**Mixed Number:** is a number that is the sum of a whole  
number and a \_\_\_\_\_.

**Examples:**  $9\frac{5}{8}$ ,  $1\frac{1}{2}$ ,  $3\frac{2}{3}$ .

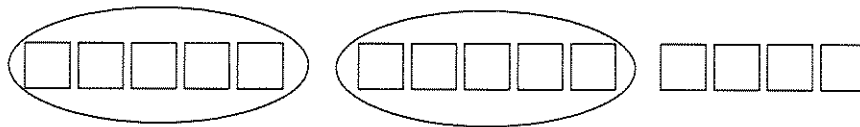
## 📌 NOTES:

I can... change improper fractions to mixed numbers.

**Step 1** ➤ See how many times the denominator (bottom number) goes into the numerator (top number) evenly without going over.

$$\frac{14}{5}$$

(How many groups of 5 can you get with 14?)



**Step 2** ➤ Because we circled two even groups and had four left over, we write  $\frac{14}{5}$  as an improper fraction in this way.

number of even groups →  $2\frac{4}{5}$

left over →

original denominator →

## 📌 NOTES:

### Changing **Improper Fractions** to **Mixed Numbers**

**Example:**  $\frac{12}{5}$

1. Divide numerator by the denominator.

$$5 \overline{)12}$$

2. Then, write the mixed number as the whole number plus the remainder over the denominator.

Whole number  $\longrightarrow$   $2 \frac{2}{5}$

remainder  $\longleftarrow$  (points to the 2 in the numerator)  
denominator  $\longleftarrow$  (points to the 5 in the denominator)

### **Examples:**

1.  $\frac{8}{3}$

2.  $\frac{19}{2}$

3.  $\frac{4}{3}$



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## Practice: Improper Fractions to Mixed Numbers

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1.  $\frac{13}{7} = \underline{\quad}$

2.  $\frac{10}{6} = \underline{\quad}$

3.  $\frac{12}{5} = \underline{\quad}$

4.  $\frac{14}{13} = \underline{\quad}$

5.  $\frac{13}{4} = \underline{\quad}$

6.  $\frac{24}{11} = \underline{\quad}$

7.  $\frac{15}{12} = \underline{\quad}$

8.  $\frac{32}{7} = \underline{\quad}$



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**Practice:** Improper Fractions to Mixed Numbers

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9.  $\frac{43}{20} = \underline{\hspace{2cm}}$

10.  $\frac{8}{3} = \underline{\hspace{2cm}}$

11.  $\frac{21}{4} = \underline{\hspace{2cm}}$

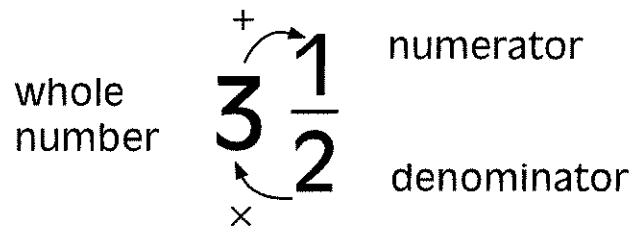
12.  $\frac{3}{2} = \underline{\hspace{2cm}}$

13.  $\frac{77}{20} = \underline{\hspace{2cm}}$

14.  $\frac{53}{22} = \underline{\hspace{2cm}}$

## ↳ NOTES:

I can... change mixed numbers to improper fractions.



**Step 1** > Multiply the denominator (bottom number) by the whole number and add the numerator to it.

$$(2 \times 3) + 1 = 7$$

**Step 2** > Your answer to step 1 is your new numerator. Place this number over the original denominator and this is your improper fraction.

$$\frac{7}{2}$$

## ↳ NOTES:

### Changing **Mixed Numbers** to **Improper Fractions**

**Example:**  $2\frac{1}{3}$

**Directions:** Take the whole number and multiply it by the denominator, then add the numerator and put this number over the **denominator** to make a fraction.

$$(2 \times 3) + 1 = 7 \longrightarrow \frac{7}{3}$$

### **Examples:**

1.  $5\frac{1}{2}$

2.  $2\frac{3}{4}$

3.  $2\frac{1}{2}$

**Practice:** Mixed Numbers to Improper Fractions

1 of 2

Change the mixed numbers to improper fractions.

1.  $2\frac{3}{4} = \underline{\hspace{2cm}}$

2.  $5\frac{2}{3} = \underline{\hspace{2cm}}$

3.  $4\frac{1}{3} = \underline{\hspace{2cm}}$

4.  $8\frac{1}{2} = \underline{\hspace{2cm}}$

5.  $6\frac{1}{3} = \underline{\hspace{2cm}}$

6.  $9\frac{2}{3} = \underline{\hspace{2cm}}$

7.  $3\frac{5}{7} = \underline{\hspace{2cm}}$

8.  $4\frac{3}{4} = \underline{\hspace{2cm}}$



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**Practice:** Mixed Numbers to Improper Fractions

2 of 2

9.  $1\frac{2}{3} = \underline{\hspace{2cm}}$

10.  $10\frac{2}{3} = \underline{\hspace{2cm}}$

11.  $6\frac{1}{2} = \underline{\hspace{2cm}}$

12.  $2\frac{1}{4} = \underline{\hspace{2cm}}$

13.  $7\frac{2}{5} = \underline{\hspace{2cm}}$

14.  $8\frac{1}{4} = \underline{\hspace{2cm}}$

## **↳ NOTES:**

### **Writing Fractions as Decimals**

We can write fractions as decimals.

#### **Examples:**

$$\frac{3}{10} = 3 \div 10 = 0.3$$

$$\frac{15}{100} = 15 \div 100 = 0.15$$

$$1 \frac{7}{8} = \frac{15}{8} = 15 \div 8 = 1.875$$



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**Practice:** Writing Fractions as Decimals

Change the following fractions into decimals.

1.  $\frac{243}{1000} =$

2.  $\frac{5}{10} =$

3.  $\frac{3}{4} =$

4.  $\frac{2}{3} =$

5.  $\frac{7}{8} =$

6.  $\frac{5}{11} =$

7.  $\frac{3}{5} =$

8.  $\frac{1}{3} =$

Grade 8 Math &gt; Fractions and Decimals



## ↳ NOTES:

### Terminating Decimals and Repeating Decimals

#### Definitions

**Terminating Decimal:** is a decimal whose numbers (digits)

\_\_\_\_\_ .

**Example:**  $\frac{3}{8} = 3 \div 8 = 0.375$

**Repeating Decimal:** is a decimal in which a digit or digits

\_\_\_\_\_ without stopping. We use a

\_\_\_\_\_ to show the digits that repeat.

**Examples:**  $\frac{9}{11} = 9 \div 11 = 0.818181\dots = 0.\overline{81}$

$$\frac{1}{9} = 1 \div 9 = 0.11111\dots = 0.\overline{1}$$



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### **Practice:** Writing Fractions as Terminating and Repeating Decimals

1.  $\frac{3}{9} =$

2.  $\frac{5}{6} =$

3.  $\frac{3}{11} =$

4.  $\frac{1}{3} =$

5.  $\frac{1}{4} =$

6.  $\frac{5}{25} =$

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**Quiz: Fractions to Decimals**

Change the following fractions into decimals.

$\frac{245}{1000} =$	$\frac{5}{11} =$
$\frac{10}{20} =$	$1\frac{3}{5} =$
$\frac{3}{4} =$	$\frac{7}{8} =$
$\frac{5}{7} =$	$4\frac{1}{3} =$

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**Quiz: Fractions and Decimals**

1 of 2

1. Identify the numerator and the denominator.

$$\frac{3}{7}$$

2. Label the following fractions as either improper, mixed, or proper.

$$\frac{7}{9}$$

\_\_\_\_\_

$$10\frac{3}{9}$$

\_\_\_\_\_

$$\frac{12}{9}$$

\_\_\_\_\_

3. Draw the following fractions.

a.  $\frac{4}{6}$

b.  $\frac{3}{9}$

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**Quiz: Fractions and Decimals**

2 of 2

<b>Improper Fraction</b>	<b>Mixed Fraction</b>	<b>Decimal</b>
$\frac{44}{25}$	$1 \frac{19}{25}$	1.76
	$2 \frac{5}{7}$	
		6.35
$\frac{32}{6}$		

## ↳ NOTES:

I can... write equivalent (equal) fractions.

**Step 1** ➤ When writing equivalent fractions, always start by multiplying the numerator (top number) and the denominator (bottom number) by the number 2.

$$\begin{array}{c} \times 2 \\ \frac{2}{3} = \frac{4}{6} \\ \times 2 \end{array}$$

This is one equivalent fraction.

**Step 2** ➤ Now do the same thing except multiply by the number 3.

$$\begin{array}{c} \times 3 \\ \frac{2}{3} = \frac{6}{9} \\ \times 3 \end{array}$$

This is another equivalent fraction.

\*\*\* You can find more equivalent fractions by multiplying by different numbers\*\*\*

Conclusion:  $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$

**Practice:** Equivalent Fractions

Find three equivalent fractions for each.

1.  $\frac{1}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

2.  $\frac{2}{5} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

3.  $\frac{3}{7} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

4.  $\frac{1}{10} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

5.  $\frac{3}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

6.  $\frac{8}{12} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

7.  $\frac{4}{4} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

## ↳ NOTES:

I can... order fractions and decimals from smallest to largest and from largest to smallest.

Arrange  $\frac{1}{4}$ ,  $\frac{4}{10}$ , 0.1,  $\frac{6}{25}$ , 0.5 from smallest to largest

**Step 1** ➤ Rewrite all the numbers to decimals. To change fractions to a decimal, simply divide the top number by the bottom number.

$$\frac{1}{4} = 1 \div 4 = 0.25$$

$$\frac{4}{10} = 4 \div 10 = 0.4$$

$$\frac{6}{25} = 6 \div 25 = 0.24$$

**Step 2** ➤ Replace your fractions with the decimals.

$$0.25 \left( \frac{1}{4} \right), 0.4 \left( \frac{4}{10} \right), 0.1, 0.24 \left( \frac{6}{25} \right), 0.5$$

**Step 3** ➤ Arrange the decimals from smallest to largest.

$$0.1, 0.24, \left( \frac{6}{25} \right), 0.25, \left( \frac{1}{4} \right), 0.4, \left( \frac{4}{10} \right), 0.5$$



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### **Practice:** Smallest to Largest

Arrange from the smallest to the largest.

1.  $0.6$  ,  $\frac{1}{2}$  ,  $0.8$  ,  $\frac{1}{5}$  ,  $0.3$

2.  $\frac{1}{4}$  ,  $\frac{2}{5}$  ,  $\frac{3}{10}$  ,  $0.8$  ,  $0.1$

3.  $0.95$  ,  $0.54$  ,  $\frac{2}{5}$  ,  $\frac{32}{100}$  ,  $0.87$



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## Practice: Largest to Smallest

Arrange from the largest to the smallest.

4.  $0.2$  ,  $\frac{1}{2}$  ,  $\frac{4}{5}$  ,  $0.7$  ,  $\frac{9}{10}$

5.  $0.85$  ,  $0.62$  ,  $\frac{12}{25}$  ,  $\frac{1}{2}$

6.  $\frac{1}{10}$  ,  $\frac{3}{5}$  ,  $0.8$  ,  $0.3$  ,  $0.5$

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**Practice:** Comparing and Ordering Fractions

1 of 2

1. Which fraction is larger  $\frac{1}{4}$  or  $\frac{1}{12}$  ?

2. Which fraction is larger  $\frac{5}{6}$  or  $\frac{3}{5}$  ?

3. Which fraction is larger  $\frac{4}{10}$ ,  $\frac{5}{9}$ , or  $\frac{3}{5}$  ?

4. Which mixed number is larger  $3\frac{1}{5}$ ,  $3\frac{1}{7}$ , or  $3\frac{1}{4}$  ?



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**Practice: Comparing and Ordering Fractions**

2 of 2

5. Write the following fractions in order from the smallest to the largest.

$$\frac{1}{2}, \frac{3}{4}, \frac{7}{12}$$

6. Write the following fractions in order from the largest to the smallest.

$$3\frac{2}{10}, 4\frac{1}{3}, 4\frac{2}{5}$$

7. Write these fractions and mixed numbers from the smallest to the largest.

$$1\frac{3}{10}, \frac{11}{20}, \frac{1}{4}, \frac{7}{5}, 1\frac{3}{4}$$

## ↳ NOTES:

I can... add, subtract, multiply and divide numbers and decimals.

Multiply:  $3.4 \times 0.8 =$

**Step 1** ➤ In your calculator press

Divide:  $-6.2 \div 2 =$

**Step 2** ➤ In your calculator press



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**Practice:** Adding, Subtracting, Multiplying and Dividing

Calculate the following.

1.  $0.513 + 0.481 =$  \_\_\_\_\_

2.  $-1.8 \times 0.2 =$  \_\_\_\_\_

3.  $1.33 \div 0.007 =$  \_\_\_\_\_

4.  $-4.1 - 3.5 =$  \_\_\_\_\_

5.  $1.2 - (-0.9) =$  \_\_\_\_\_

6.  $5.6 \times (0.7) =$  \_\_\_\_\_

7.  $1.66 + 0.052 =$  \_\_\_\_\_

8.  $255 - 37.505 =$  \_\_\_\_\_

9.  $-1.228 - 3.75 =$  \_\_\_\_\_

10.  $-0.68 \div 3.4 =$  \_\_\_\_\_

11.  $-8.6 \times 2.4 =$  \_\_\_\_\_

12.  $2.96 \times (-5.4) =$  \_\_\_\_\_

## ↳ NOTES:

I can... add proper fractions.

**Step 1** ➤ Add the numerators (top numbers) together and leave the denominator (bottom number) the same.

$$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$$

I can... subtract proper fractions.

**Step 1** ➤ Subtract the numerators (top numbers) and leave the denominator (bottom number) the same.

$$\frac{9}{10} - \frac{2}{10} = \frac{7}{10}$$



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**Practice:** Adding and Subtracting Fractions

1. Add the following fractions. Show your work.

a.  $\frac{4}{9} + \frac{2}{9} =$

b.  $\frac{5}{12} + \frac{3}{4} =$

c.  $\frac{3}{5} + \frac{4}{5} =$

d.  $\frac{3}{4} + \frac{1}{2} + \frac{3}{8} =$

2. Subtract the following fractions.

a.  $\frac{5}{8} - \frac{3}{8} =$

b.  $\frac{1}{2} - \frac{1}{6} =$

c.  $\frac{1}{6} - \frac{5}{6} =$

d.  $\frac{1}{3} - \frac{1}{6} =$

**Mathpower 8 Textbook**

Page 45—Addition

Page 51—Subtraction



## ↳ NOTES:

I can... multiply fractions.

Multiply  $\frac{2}{3} \times \frac{1}{3} =$

**Step 1** ➤ Multiply the numerators (top numbers).

$$2 \times 1 = 2$$

**Step 2** ➤ Multiply the denominators (bottom numbers).

$$3 \times 3 = 9$$

**Step 3** ➤ Write your answer.  $\frac{2}{9}$

## ↳ NOTES:

I can... divide fractions.

Divide  $\frac{1}{6} \div \frac{2}{6} =$

**Step 1** ➤ Change the division sign to a multiplication sign and flip the second fraction.

$$\frac{1}{6} \times \frac{6}{2} =$$

**Step 2** ➤ Multiply the numerators together and the denominators together.

**Step 3** ➤ Write your answer.  $\frac{6}{12}$



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**Practice:** Multiply or Divide

1 of 2

1.  $\frac{1}{2} \div \frac{2}{2} =$

2.  $\frac{3}{5} \times \frac{2}{5} =$

3.  $\frac{6}{7} \div \frac{2}{7} =$

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**Practice:** Multiply or Divide

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4.  $\frac{8}{9} \times \frac{1}{9} =$

5.  $\frac{1}{7} \div \frac{3}{7} =$

6.  $\frac{2}{6} \times \frac{5}{6} =$

**Mathpower 8 Textbook**

Page 57—Multiplication

Page 59—Division



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## Practice: Fraction Word Problems

1 of 5

1. Asia covers about  $\frac{3}{10}$  of the area of all the continents, and Africa covers  $\frac{1}{5}$ . What fraction of the area of the continents do Asia and Africa cover together? **(Hint: Add)**

2. Quebec and Ontario together cover about  $\frac{1}{4}$  of the area of Canada. The Territories cover about  $\frac{2}{5}$ , and the Prairie provinces about  $\frac{1}{5}$ . What fraction of the area of Canada do these regions cover together? **(Hint: Add)**

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**Practice:** Fraction Word Problems

2 of 5

3. Canada and the United States build  $\frac{1}{4}$  of the world's motor vehicles. About  $\frac{1}{4}$  of the world's motor vehicles are built in Canada and the United States. About  $\frac{1}{5}$  of those motor vehicles are built in the United States. What fraction of the world's motor vehicles are built in Canada?
4. Insects account for about  $\frac{5}{6}$  of known animal species. About  $\frac{1}{4}$  of the insects are species of beetles. What fraction of all animal species are species of beetles?



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**Practice:** Fraction Word Problems

3 of 5

5. Mrs. Green has a chocolate bar  $7\frac{4}{5}$  units long. If she cuts it into pieces each  $\frac{3}{5}$  of a unit long, how many pieces will she have?  
**(Hint: Divide)**

6. In this set of permanent teeth,  $\frac{1}{4}$  of the teeth are incisors,  $\frac{3}{8}$  are premolars, and  $\frac{3}{8}$  are molars. What fraction of all teeth are incisors, premolars or molars? **(Hint: Add)**

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**Practice:** Fraction Word Problems

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7. In his first two hockey games of the season, Kent played about  $1\frac{1}{2}$  periods and  $1\frac{3}{4}$  periods. About how many periods in all did he play? (**Hint: Add**)

8. How many people can you serve with 6 pizzas if each person has  $\frac{3}{4}$  of a pizza? (**Hint: Divide**)



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**Practice:** Fraction Word Problems

5 of 5

9. The maximum life span of a leopard is 24 years. This life span is  $\frac{3}{10}$  of the maximum life span of a salamander. What is the maximum life span of a salamander? **(Hint: Multiply)**



**Quiz: Multiplying and Dividing Fractions** 1 of 2

1. Multiply the following fractions.

a.  $\frac{9}{7} \times \frac{8}{3} =$

b.  $\frac{9}{12} \times \frac{3}{13} =$

c.  $\frac{1}{3} \times \frac{2}{8} =$

d.  $\frac{3}{4} \times \frac{5}{2} \times \frac{3}{10} =$



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**Quiz: Multiplying and Dividing Fractions**      2 of 2

2. Divide the following fractions. Remember to change the sign and flip the second fraction.

a.  $\frac{5}{7} \div \frac{3}{7} =$

b.  $\frac{8}{2} \div \frac{1}{6} =$

c.  $\frac{1}{6} \div \frac{5}{6} =$

d.  $\frac{1}{10} \div \frac{1}{11} =$

Grade 8 Math ➤ Fractions and Decimals

**📌 NOTES: Study Guide: Fractions**

$\frac{9}{7}$  —————> Numerator

7 —————> Denominator

**Equivalent Fractions:**

Multiply the numerator and denominator by  
the same number.

$$\frac{1}{4} \times \frac{2}{2} = \frac{2}{8}$$

**Improper Fraction:**

When the numerator is bigger than the denominator.  $\frac{11}{5}$

**Mixed Fraction:**

A whole number and a fraction.  $4\frac{1}{2}$

**Changing Improper Fraction to a Mixed Fraction:**

$$\frac{11}{5} = 2\frac{1}{5}$$

**Changing a Mixed Fraction to an Improper Fraction:**

$$3\frac{1}{4} = \frac{13}{4}$$



**Fractions and Decimals – Unit Test****Part A** > Multiple Choice

- The top number in a fraction is called the
  - top number
  - numerator
  - mixed number
  - denominator
- Which fraction could also be written as a mixed number?
  - $\frac{17}{19}$
  - $\frac{25}{27}$
  - $\frac{39}{8}$
  - $\frac{3}{10}$
- Which is not a way to write four and four tenths?
  - 4.4
  - $4\frac{2}{5}$
  - $4\frac{4}{10}$
  - $\frac{404}{10}$
- To change a mixed number into an improper fraction, you would
  - multiply the denominator and the whole number, then add the numerator
  - multiply the numerator and the whole number, then add the denominator
  - add the numerator and the whole number then multiply the answer by the denominator
  - divide the top by the bottom

5. Which fraction is equivalent to  $\frac{3}{5}$  ?

a.  $\frac{12}{25}$

b.  $\frac{18}{30}$

c.  $\frac{6}{8}$

d.  $\frac{5}{3}$

6. Which fraction is another way to write  $13\frac{7}{9}$  ?

a.  $\frac{124}{9}$

b.  $\frac{154}{9}$

c.  $\frac{124}{7}$

d.  $\frac{154}{7}$

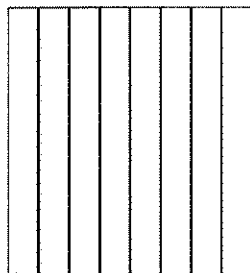
7. Which fraction does this diagram represent?

a.  $\frac{3}{5}$

b.  $\frac{2}{3}$

c.  $\frac{5}{5}$

d.  $\frac{3}{8}$



**Part B** ➤ Change each improper fraction to a mixed number.

**Example:**

$\frac{21}{4} =$  groups of 4 fit into 21 five times evenly  
with one left over

$=$   
number of even groups  $\rightarrow 5 \frac{1}{4}$   $\leftarrow$  left over  
 $\leftarrow$  original denominator

a.  $\frac{18}{5} =$

b.  $\frac{24}{11} =$

**Part C** ➤ Change each mixed number into an improper fraction.

**Example:**

	+	Numerator	
	↙	$\frac{1}{2}$	= (2 × 3) + 1 = $\frac{7}{2}$
↘		↙	
3	×	Denominator	
Whole number			

a.  $4\frac{2}{5} =$

b.  $2\frac{3}{4} =$

**Part D** ➤ Write each fraction as a decimal.

**Example:**

Calculate operations:

$\frac{6}{8}$	=	6	÷	8	=	0.75
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a.  $\frac{2}{3} =$

b.  $\frac{9}{10} =$



**Part E** > Operations with rational numbers. Calculate the following and **round to the nearest hundredth** (2 decimal places) if necessary.

a.  $38 \times (-9) =$

b.  $(-1.7) \times (-26.4) =$

c.  $35 \div 7 =$

d.  $(-285.6) \div 27.33 =$

e.  $(-3) - 7 =$

f.  $10 - (-8)$

**Part F** ➤ Solve for each. If possible, change your answer to a mixed number. Show your work.

a.

$$\frac{4}{12} + \frac{5}{12} =$$

b.

$$\frac{3}{8} + \frac{7}{8} =$$

c.

$$\frac{5}{7} - \frac{2}{7} =$$

d.

$$\frac{15}{16} - \frac{7}{16} =$$

e.

$$\frac{10}{7} \times \frac{2}{7} =$$

f.  $\frac{2}{5} \times \frac{4}{5} =$

g.  $\frac{2}{3} \div \frac{4}{3} =$

h.  $\frac{7}{9} \div \frac{1}{9} =$

**Part G** ➤ Write **three** equivalent fractions for  $\frac{3}{5}$ .

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**Part H** ➤ Arrange from **largest to smallest**:

0.5,  $\frac{4}{10}$ , 2, 0, 0.7,  $\frac{3}{5}$

