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Course Information
Course: Math 03 2021
Unit: 7. OPERATIONS, LIKELIHOOD, AND PROBABILITY
Assignment: 8. Mixed Numbers

MIXED NUMBERS

Do you remember how to read fractions? Numerators, denominators, cardinal and ordinal numbers, and mixed numbers are all included in this review lesson.

OBJECTIVES

- Identify parts of a fraction.
- Construct and read mixed numbers.

When we read fractions, the numerator sounds like a cardinal number. The denominator sounds like an ordinal number.

$\frac{3}{5}$ three-fifths $\frac{6}{8}$ six-eighths $\frac{7}{12}$ seven-twelfths

Whole numbers and fractions together are called mixed numbers.

We use the word "and" when we read a mixed number.

$1\frac{1}{2}$ one and one-half $5\frac{3}{4}$ five and three-fourths

Question #1 MultipleChoice

Show Answer

What is the name for the following mixed fraction?

3 2/5

- thirty-two fifths
- three and two-fifths
- three two fives

Question #2 MultipleChoice

Show Answer

What is the name for the following mixed fraction?

4 5/8

- four and five eights

four and five-eighths

forty-five eights

Question #3 FillInBlank

Show Answer

Type a (W) for whole, (F) for fraction, and (M) for mixed number:

$\frac{3}{4}$

Question #4 FillInBlank

Show Answer

Type a (W) for whole, (F) for fraction, and (M) for mixed number.

$1\frac{1}{4}$

Question #5 FillInBlank

Show Answer

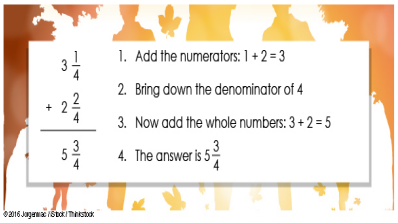
Type a (W) for whole, (F) for fraction, and (M) for mixed number.

6

A mixed number contains both a whole number and a fraction. Be sure fractions have identical denominators. Add the fractions first. Then, add the whole numbers.

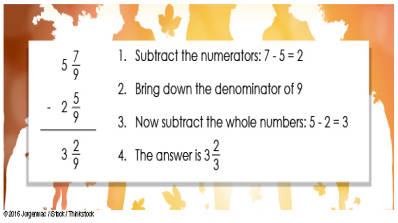
Model 1:

Addition of mixed numbers.



Model 2:

Subtraction of mixed numbers.



Question #6 LayeredTextbox

Show Answer

Add the following mixed numbers.

$$\begin{array}{r} 2\ \frac{3}{5} \\ +\ 1\ \frac{1}{5} \\ \hline \end{array}$$

Question #7 LayeredTextbox

Show Answer

Add the following mixed numbers.

$$\begin{array}{r} 4\ \frac{2}{7} \\ +\ 3\ \frac{2}{7} \\ \hline \square\frac{\square}{\square} \end{array}$$

Question #8 LayeredTextbox

Show Answer

Subtract the following mixed numbers.

$$\begin{array}{r} 6\ \frac{4}{7} \\ -\ 2\ \frac{2}{7} \\ \hline \square\frac{\square}{\square} \end{array}$$

Question #9 LayeredTextbox

Show Answer

Subtract the following mixed numbers.

$$\begin{array}{r} 8\ \frac{6}{12} \\ -\ 4\ \frac{2}{12} \\ \hline \square\frac{\square}{\square} \end{array}$$

Question #10 Matching

Show Answer

Match the following definitions with the correct words.

1. sum	☐ top number in fraction
2. denominator	☐ take away number in subtraction
3. numerator	☐ answer in addition
4. fraction bar	☐ top number in subtraction
5. difference	☐ line in fraction
6. minuend	☐ answer in subtraction
7. addend	☐ number being added in addition
8. subtrahend	☐ bottom number in fraction