# UNIT 4: FRACTIONS OF THE SAME DENOMINATORS

## Week 1

### LESSON 1: Introduction to the meaning of fractions

Define the following terms.

1. Fraction

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2. Denominator

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3. Numerator

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4. Fraction bar

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5. Mixed number

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6. Proper fraction

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7. Improper fraction



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## LESSON 2: Reading and writing fractions

Write the following fractions in figures.

1. Two tenths = _____
2. Five ninths = _____
3. Four sixths = _____
4. Eleven hundredths = _____
5. Six elevenths = _____
6. A fifth = _____
7. A quarter = _____
8. Two sevenths = _____
9. Nine fourths = _____
10. Eight fifteenths = _____



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## LESSON 3: Types of fraction: same, different and mixed denominator

Name the fractions.

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

2. $\frac{6}{4}$ _____

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



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## LESSON 4: Comparing fractions with the same denominator, including mixed fractions

Compare the following fractions using < ,> or =

1. $2\frac{3}{4}$ _____ $4\frac{1}{2}$

2. $\frac{5}{6}$ _____ $\frac{4}{6}$

3. $\frac{7}{8}$ _____ $4\frac{1}{2}$

4. $2\frac{3}{4}$ _____ $4\frac{1}{2}$

5. $2\frac{6}{9}$ _____ $3\frac{6}{9}$

6. $\frac{8}{10}$ _____ $\frac{7}{10}$

7. $4\frac{10}{12}$ _____ $3\frac{8}{12}$

8. $5\frac{12}{24}$ _____ $\frac{8}{24}$



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## LESSON 5: Addition of fractions with the same denominator

1. $\frac{4}{7} + \frac{2}{7} =$ _____

2. $\frac{3}{6} + \frac{2}{6} =$ _____

3. $\frac{9}{12} + \frac{1}{12} =$ _____

4. $\frac{45}{90} + \frac{30}{90} =$ _____

5. $\frac{6}{34} + \frac{23}{34} =$ _____

6. $\frac{4}{10} + \frac{5}{10} =$ _____

7. $\frac{24}{8} + \frac{6}{8} =$ _____

8. $\frac{5}{9} + \frac{2}{9} =$ _____

9. $\frac{56}{80} + \frac{20}{80} =$ _____

**WEEK 2**



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## LESSON 1: Subtraction of fractions with the same denominator

1. $\frac{4}{7} - \frac{2}{7} =$ _____

2. $\frac{4}{7} - \frac{2}{7} =$ _____

3. $\frac{6}{23} - \frac{4}{23} =$ _____

4. $\frac{8}{17} - \frac{4}{17} =$ _____

5. $\frac{5}{10} - \frac{3}{10} =$ _____

6. $\frac{8}{20} - \frac{2}{20} =$ _____

7. $\frac{3}{5} - \frac{1}{5} =$ _____

8. $\frac{4}{6} - \frac{3}{6} =$ _____

9. $\frac{8}{12} - \frac{4}{12} =$ _____

## LESSON 2: Problems involving addition and subtraction of fractions



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