



Fractions

Sarah R. Powell, Ph.D.

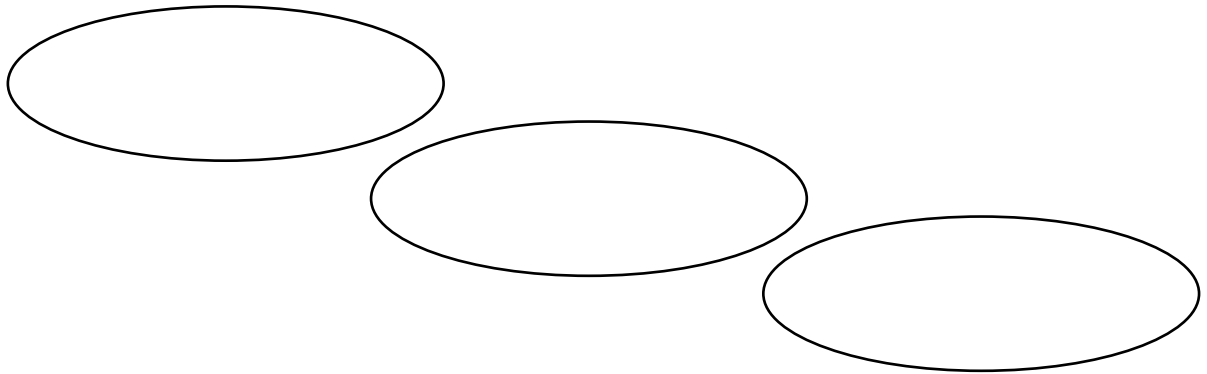
srpowell@utexas.edu

[@sarahpowellphd](https://twitter.com/sarahpowellphd)

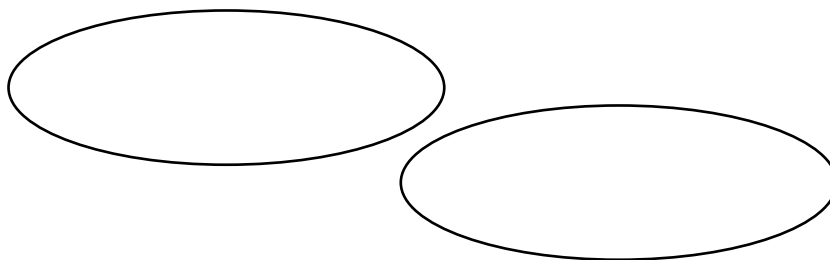
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Instructional Platform

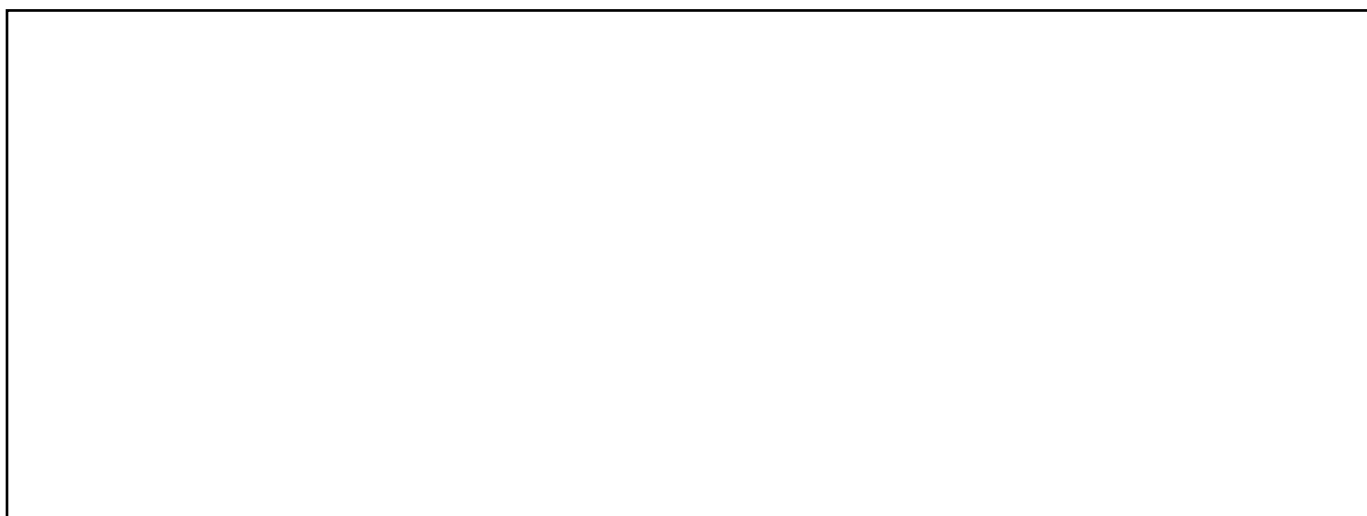
Instructional Delivery



Instructional Strategies



Models of Fractions



Models of Fractions

Fraction	Length	Area	Set
$\frac{2}{3}$			
$\frac{1}{4}$			
$1\frac{1}{2}$			
$\frac{3}{7}$			

Improper Fractions and Mixed Numbers

Equivalent Fractions

$$\frac{1}{2}$$

$$\frac{1}{4}$$

Comparing Fractions

$$\frac{1}{2} \quad \frac{3}{10}$$

$$\frac{2}{6} \quad \frac{4}{6}$$

$$\frac{2}{3} \quad \frac{2}{5}$$

Ordering Fractions

$$\frac{6}{8} \quad \frac{3}{5} \quad \frac{1}{3}$$

Fraction Computation

Addition

Problem	Representation
$\frac{1}{5} + \frac{3}{5}$	
$\frac{2}{8} + \frac{5}{8}$	
$\frac{2}{3} + \frac{2}{3}$	
$\frac{3}{4} + \frac{2}{4}$	
$\frac{1}{2} + \frac{1}{4}$	
$\frac{4}{6} + \frac{1}{3}$	
$\frac{4}{8} + \frac{3}{4}$	
$\frac{1}{4} + \frac{4}{6}$	

Notes on Addition:

Fraction Computation

Subtraction

Problem	Representation
$\frac{4}{5} - \frac{1}{5}$	
$\frac{6}{8} - \frac{3}{8}$	
$\frac{6}{5} - \frac{2}{5}$	
$\frac{9}{6} - \frac{4}{6}$	
$\frac{7}{8} - \frac{2}{4}$	
$\frac{8}{9} - \frac{1}{3}$	
$\frac{10}{12} - \frac{2}{3}$	
$\frac{1}{2} - \frac{2}{5}$	

Notes on Subtraction:

Fraction Computation

Multiplication

Problem	Representation
2×3	
$2 \times \frac{1}{2}$	
$\frac{1}{2} \times 2$	
$\frac{1}{2} \times \frac{4}{4}$	
$\frac{1}{2} \times \frac{2}{4}$	
$\frac{1}{2} \times \frac{3}{4}$	
$\frac{2}{3} \times \frac{3}{4}$	
$\frac{1}{3} \times \frac{5}{6}$	
$\frac{3}{4} \times \frac{7}{8}$	
$\frac{5}{8} \times \frac{1}{4}$	

Fraction Computation

Division

Problem	Representation
$6 \div 3$	
$3 \div \frac{1}{2}$	
$\frac{1}{2} \div 2$	
$\frac{4}{4} \div \frac{1}{2}$	
$\frac{2}{4} \div \frac{1}{2}$	
$\frac{3}{4} \div \frac{1}{2}$	
$\frac{7}{8} \div \frac{1}{4}$	
$\frac{5}{6} \div \frac{2}{3}$	
$\frac{1}{2} \div \frac{3}{8}$	
$\frac{9}{6} \div \frac{1}{3}$	

Explicit Instruction

Problem

Step-by-Step Explanation

Explicit Instruction

Problem

Practice Opportunities

High-Level Questions

Low-Level Questions

Affirmative Feedback

Corrective Feedback