

Equivalent Fractions

- Lesson 1: Make equivalent fractions with the number line, the area model, and numbers.
- Lesson 2: Make equivalent fractions with sums of fractions with like denominators.

Making Like Units Pictorially

- Lesson 3: Add fractions with unlike units using the strategy of creating equivalent fractions.
- Lesson 4: Add fractions with sums between 1 and 2.
- Lesson 5: Subtract fractions with unlike units using the strategy of creating equivalent fractions.
- Lesson 6: Subtract fractions from numbers between 1 and 2.
- Lesson 7: Solve two-step word problems.

Mid-Module Assessment: Topics A–B (assessment $\frac{1}{2}$ day, return $\frac{1}{2}$ day, remediation or further applications 2 days)

Making Like Units Numerically

- Lesson 8: Add fractions to and subtract fractions from whole numbers using equivalence and the number line as strategies.
- Lesson 9: Add fractions making like units numerically.
- Lesson 10: Add fractions with sums greater than 2.
- Lesson 11: Subtract fractions making like units numerically.
- Lesson 12: Subtract fractions greater than or equal to one.

Further Applications

- Lesson 13: Use fraction benchmark numbers to assess reasonableness of addition and subtraction equations.
- Lesson 14: Strategize to solve multi-term problems.
- Lesson 15: Solve multi-step word problems; assess reasonableness of solutions using benchmark numbers.
- Lesson 16: Explore part-to-whole relationships.

$$\frac{3}{10} = .3$$
$$\frac{17}{100} = .17$$
$$\frac{5}{100} = .05$$
$$\frac{323}{1000} = .323$$
$$\frac{47}{1000} = .047$$
$$\frac{9}{1000} = .009$$

