

Addition and Subtraction of Fractions: Grade 4

Note-Taking Guide

TEKS

- 4(3)(B) The student is expected to decompose a fraction in more than one way into a sum of fractions with the same denominator using concrete and pictorial models and recording results with symbolic representations.
- 4(3)(E) The student is expected to represent and solve addition and subtraction of fractions with equal denominators using objects and pictorial models that build to the number line and properties of operations.
- 4(3)(F) The student is expected to evaluate the reasonableness of sums and differences of fractions using benchmark fractions 0, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and 1, referring to the same whole.
- 5(3)(H) The student is expected to represent and solve addition and subtraction of fractions with unequal denominators referring to the same whole using objects and pictorial models and properties of operations.
- 5(3)(K) The student is expected to add and subtract positive rational numbers fluently.

Problem

Penny ran two days this week.

- On Tuesday she ran $\frac{9}{6}$ miles.
- On Thursday she ran $\frac{8}{6}$ miles.

How many miles did Penny run this week?

Notes on First Approach	Notes on Second Approach	Notes on Connections to Fifth Grade