

Sample Grade 5 Independent Practice Assignment Sheet

Essential Learning Standards

- I can add and subtract fractions with unlike denominators.
- I can solve word problems involving addition and subtraction of fractions with unlike denominators.

Unit 1: Fraction Operations

Practice Prior Skills

Find the sum for each problem.

- $\frac{2}{5} + \frac{1}{5}$
- $\frac{2}{7} + \frac{3}{7}$
- $\frac{6}{11} + \frac{7}{11}$
- $5\frac{1}{3} + 2\frac{4}{3}$

Practice Prior Skills

Find the difference for each problem.

- $\frac{4}{5} - \frac{3}{5}$
- $\frac{5}{8} - \frac{1}{8}$
- $\frac{14}{11} + \frac{2}{11}$
- $7\frac{3}{4} - 3\frac{1}{4}$

Ella completed $\frac{3}{8}$ of a puzzle during recess on Tuesday. Joy completed $\frac{2}{6}$ of the same puzzle during recess on Wednesday.

- How much of the puzzle did the two girls complete?
- Use what you know about fractions to explain how you found your answer. Use numbers or words in your explanation.

Jessica is baking items for a school bake sale. She needs $4\frac{1}{4}$ cups of flour for 2 cakes and $2\frac{2}{3}$ cups of flour for cupcakes. Her sister says Jessica needs less than 7 cups of flour to make the cakes and the cupcakes. Is her sister correct? Explain using pictures, numbers or words.

$$\frac{7}{12} + \frac{3}{4}$$

Robert added these fractions and got an answer of $\frac{10}{16}$.

Use what you know about addition of fractions to explain why Robert's answer is incorrect.

A road construction company is paving a road. During the first week, the company paved $17\frac{1}{5}$ miles. During the second week, the company paved $21\frac{3}{4}$ miles.

- How much of the road was paved during the first two weeks?
- The company needs 1 more week to pave the final $6\frac{1}{2}$ miles of road. How long is the road the company is paving?

REPRODUCIBLE

Kirby wants to run a total of $7\frac{5}{8}$ miles every Tuesday and Thursday. If he runs $4\frac{4}{16}$ miles on Tuesday and $3\frac{3}{8}$ miles on Thursday, will he meet his goal for this week? Explain using pictures, numbers or words.

Rene used $5\frac{3}{8}$ yards of fabric to make curtains. She has $2\frac{1}{4}$ yards left. How much fabric did she start with?

Jason needs $2\frac{1}{6}$ feet of wood to complete one side of his deck and $7\frac{2}{3}$ feet of wood to complete another side of his deck. How many feet of wood does he need to complete both sides of the deck?

A recipe calls for $\frac{3}{4}$ cup breadcrumbs, $2\frac{1}{4}$ cups tomato sauce, and $\frac{1}{2}$ cup tomato paste. How many cups of ingredients are used altogether in the recipe?

Source: Adapted from © 2015 by Howard County Public School System, Office of Mathematics.