

MOMENTUM MATH LEVEL G



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ADDING AND SUBTRACTING FRACTIONS WITH A COMMON DENOMINATOR

A

Today's Destination

How is combining fractions like combining whole numbers, and how is it different?



Vocabulary

Common Denominator A denominator that is a multiple of the denominators of two or more fractions



Problem of the Day



Which fraction represents the greater amount: $\frac{1}{4}$ or $\frac{3}{4}$? _____



IN THE DRIVER'S SEAT

Solve each problem below using addition or subtraction.

- 1) Arun has $7\frac{3}{4}$ extra-credit points, and his best friend Sally has $5\frac{3}{4}$ extra-credit points. How many extra-credit points do they have in all?

Compute It!

- 2) Kaylie swam the length of the pool in $2\frac{1}{2}$ minutes. It took Latoya $3\frac{1}{4}$ minutes to swim the same distance. How much longer did it take Latoya?

Compute It!

- 3) Morella painted $1\frac{1}{2}$ pictures in art class last week and $2\frac{1}{4}$ pictures this week. How many pictures has Morella painted altogether?

Compute It!

- 4) Cesar mixed $2\frac{1}{3}$ cups of flour with $1\frac{1}{4}$ cups of rolled oats. How much more flour was in the mixture than rolled oats?

Compute It!


SIDE TRIPS

- 1) Write two different questions to create an addition problem and a subtraction problem using the facts below. Solve each problem.

Olive's recipe for banana bread calls for $1\frac{1}{4}$ cups of flour. Dan's recipe for banana bread calls for $2\frac{2}{3}$ cups of flour.

Write It!

Subtraction Question: _____

Compute It!

Write It!

Addition Question: _____

Compute It!

- 2) Write two different questions to create a multiplication problem and a division problem using the facts below. Solve each problem.

James is making origami for his art project. He spends $1\frac{3}{4}$ hours making the origami. It takes James $\frac{1}{8}$ of an hour to make one piece of origami. Of the $1\frac{3}{4}$ hours James spends, he spends $\frac{1}{2}$ of the time making cranes.

Write It!

Multiplication Question: _____

Compute It!

Write It!

Division Question: _____

Compute It!