

Divide Fractions by Cross Cancelling Word Problems

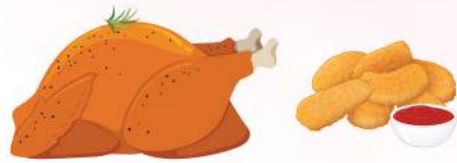


1.

In 23 hour, Olivia ran $\frac{5}{6}$ miles. How many miles did she run in an hour?

2.

If it requires $\frac{4}{5}$ of a pound of chicken to make a nugget, how many nuggets can be made with $\frac{12}{15}$ pounds of chicken?



3.

If Noah requires $\frac{15}{6}$ yards of fabric to make a dress, how many dresses can she make with $\frac{45}{3}$ yards of fabric?

4.

If $\frac{3}{4}$ feet of parchment paper is required for one lampshade, how many lampshades can be made with $\frac{21}{2}$ feet of paper?



5.

If Mia can type $\frac{22}{9}$ pages in $\frac{11}{3}$ minutes, how many pages can he type in one minute?

6.

Luka can drink $\frac{3}{4}$ of a liter of juice in $\frac{1}{2}$ an hour. How much can he drink in one minute?



You've Got This Math

A graphic showing four math symbols in a 2x2 grid: a plus sign (+) in a blue square, a minus sign (-) in an orange square, a multiply sign (x) in a black square, and a divide sign (÷) in a red square.

Math and More for Teachers and Parents



1.

Harry uses $\frac{4}{9}$ cup of flour to make a $\frac{16}{9}$ pound cake. How much flour does it take to make a pound cake?

2.

Liam walked $\frac{10}{7}$ miles in $\frac{15}{14}$ of an hour. What was his average speed in miles per hour?



3.

A box containing packs of jelly beans weighed $\frac{45}{16}$ pounds. If the weight of one pack was $\frac{9}{16}$ pounds, how many packs were in the box?



4.

How many pages can JK type in a minute, if he can type $\frac{25}{6}$ pages in $\frac{5}{3}$ minutes?



5.

Lisa made $\frac{10}{7}$ toys in $\frac{15}{14}$ days. How many dolls did he make every day?



6.

$\frac{8}{5}$ batches of peanut candies are produced by a chocolate manufacturing machine using $\frac{12}{5}$ barrels of peanuts. How many barrels of peanuts are used in the production of one batch of candy?



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