

Advanced_Grade-5_Fractions

Practice Problems on Multiplication of Fractions

1. According to a recipe, each batch of pancake mix can make 12 pancakes. Kathy is making 3 batches for a brunch party. If each batch needs $\frac{7}{12}$ cups of milk, how much milk does she need in total?
2. Caleb's vegetable garden yielded 23 pounds of bell peppers. He gave $\frac{2}{3}$ of the yield to his neighbor, Jacob. How many pounds of bell peppers did Jacob receive?
3. Rocky finished a 200-meter race in $\frac{5}{12}$ of a minute. The winner of the race used $\frac{21}{25}$ of Rocky's time to finish the race. How much time did the winner use to finish the race?
4. The tallest basketball player in the school's basketball team is 6 feet tall. Jacob's height is $\frac{11}{12}$ of the height of the tallest basketball player. What is Jacob's height?
5. There are 250 flights a day in an airport. $\frac{7}{10}$ of the flights are international and the rest are domestic flights.
 1. $\frac{3}{50}$ of the flights were captained by female pilots, and $\frac{2}{3}$ of the female pilots are captaining international flights. How many female pilots are captaining international flights?
 2. The airport shuttle service is offered to business class ticket holders. On a summer day, $\frac{2}{5}$ of the 35,600 passengers were business class ticket holders. Among the business passengers, $\frac{3}{8}$ used the shuttle services. What fraction of the business class passengers used the shuttle service that day?