

## 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?