

Name : \_\_\_\_\_

## Word Problems on Multiplying Fractions

- ① There are  $\frac{3}{10}$  of a cake in a box. Jack ate  $\frac{5}{18}$  of it. What fraction of the cake did he eat?
  
  
  
  
  
  
  
  
  
  
- ② 'Mr. Hudson has  $\frac{5}{8}$  kg of sugar in his kitchen. He used  $\frac{2}{3}$  of it. What part of the initial sugar did he use?
  
  
  
  
  
  
  
  
  
  
- ③ A farmer drinks  $\frac{4}{9}$  liter of water a day. How much water in total will he drink in a month?
  
  
  
  
  
  
  
  
  
  
- ④ Harry had  $\frac{1}{12}$  of a pizza with him. He ate  $\frac{3}{8}$  of it. What part of the initial pizza did he eat?

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### Answers

- ① There are  $\frac{3}{10}$  of a cake in a box. Jack ate  $\frac{5}{18}$  of it. What fraction of the cake did he eat?

Ans:  $\frac{1}{12}$

- ② 'Mr. Hudson has  $\frac{5}{8}$  kg of sugar in his kitchen. He used  $\frac{2}{3}$  of it. What part of the initial sugar did he use?

Ans:  $\frac{5}{12}$

- ③ A farmer drinks  $\frac{4}{9}$  liter of water a day. How much water in total will he drink in a month?

Ans:  $13\frac{1}{3}$

- ④ Harry had  $\frac{1}{12}$  of a pizza with him. He ate  $\frac{3}{8}$  of it. What part of the initial pizza did he eat?

Ans:  $\frac{1}{32}$