



Multiply/Divide Fractions

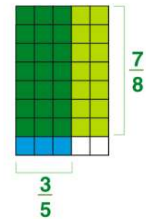
Name _____ Class _____ Date _____

1 When multiplying fractions, multiply the numerators and then multiply the denominators. For instance, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ because $1 \times 1 = 2$ and $4 \times 2 = 8$. What is the **product** of $\frac{2}{3} \times \frac{2}{7}$?

- A $\frac{4}{21}$ B $\frac{4}{10}$ C $\frac{2}{21}$ D $\frac{2}{7}$

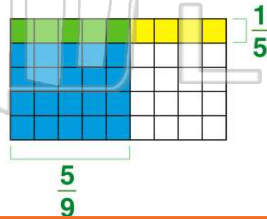


2 What is the **product** of $\frac{3}{5} \times \frac{7}{8}$?



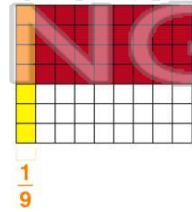
- A $\frac{10}{13}$ B $\frac{21}{40}$ C $\frac{4}{8}$ D $\frac{21}{24}$

3 $\frac{5}{9} \times \frac{1}{5} = \frac{6}{45}$



- A correct
B incorrect

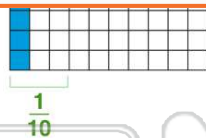
4 What is the **product** of $\frac{4}{7} \times \frac{1}{9}$?



PREVIEW

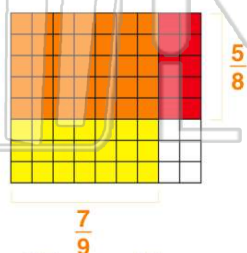
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- A correct
B incorrect



- A $\frac{3}{10}$ B $\frac{4}{15}$ C $\frac{4}{10}$ D $\frac{3}{50}$

9 $\frac{5}{8} \times \frac{7}{9} =$



- A $\frac{12}{17}$ B $\frac{32}{56}$ C $\frac{35}{72}$ D $\frac{35}{63}$

10 The chocolate ice cream tub is $\frac{3}{5}$ full. A customer comes in and buys $\frac{1}{2}$ of the chocolate ice cream. How much of the tub does the customer buy?

- A $\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ C $\frac{1}{2} \times \frac{3}{5} = \frac{4}{7}$
B $\frac{3}{5} \times \frac{1}{2} = \frac{4}{10}$ D $\frac{3}{5} + \frac{1}{2} = \frac{9}{10}$



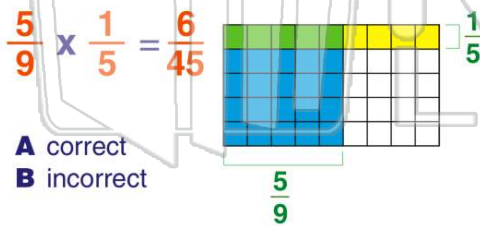
ANSWER KEY

When multiplying fractions, multiply the numerators and then multiply the denominators. For instance, $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$ because $1 \times 1 = 1$ and $4 \times 2 = 8$.

What is the **product** of $\frac{2}{3} \times \frac{2}{7}$?

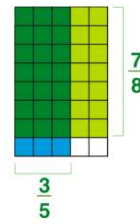
Multiplication is fun!

- A $\frac{4}{21}$ B $\frac{4}{10}$ C $\frac{2}{21}$ D $\frac{2}{7}$



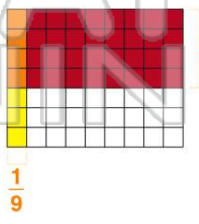
- A correct
B incorrect

What is the **product** of $\frac{3}{5} \times \frac{7}{8}$?



- A $\frac{10}{13}$ B $\frac{21}{40}$ C $\frac{4}{8}$ D $\frac{21}{24}$

What is the **product** of $\frac{4}{7} \times \frac{1}{9}$?

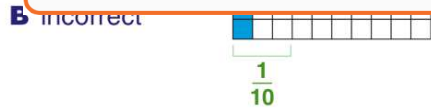


- A $\frac{5}{9}$ B $\frac{4}{9}$ C $\frac{4}{9}$ D $\frac{4}{9}$

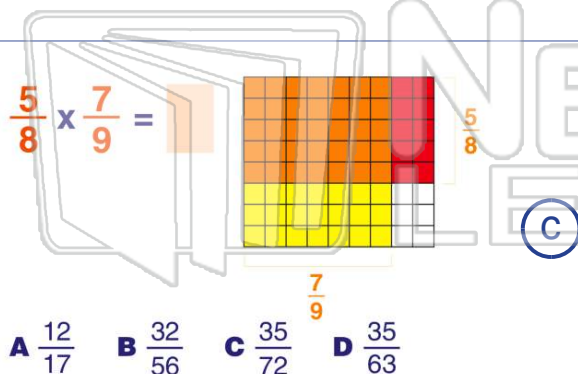


PREVIEW

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- $\frac{1}{10}$
- A $\frac{3}{10}$ B $\frac{4}{15}$ C $\frac{4}{10}$ D $\frac{3}{50}$



- A $\frac{12}{17}$ B $\frac{32}{56}$ C $\frac{35}{72}$ D $\frac{35}{63}$

The chocolate ice cream tub is $\frac{3}{5}$ full. A customer comes in and buys $\frac{1}{2}$ of the chocolate ice cream. How much of the tub does the customer buy?

- A $\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ C $\frac{1}{2} \times \frac{3}{5} = \frac{4}{7}$
B $\frac{3}{5} \times \frac{1}{2} = \frac{4}{10}$ D $\frac{3}{5} + \frac{1}{2} = \frac{9}{10}$