20課/Lesson 20/Leksyon 20

【内容】 Contents　Mga Nilalaman

①掛け算と割り算が混じった分数の計算方法
①The method of calculation of fraction with mix of multiplication and division.
①Paraan ng pagkalkula ng fraction na may magkasamang division at multiplication.

【日本語の表現】 Math Expressions in Japanese　Mga Math Expressions sa Japanese

新出表現なし
No new contents given.
Walang mga nilalaman na bagong labas.

20 かけざん・わりざん いっしょに

Kakezan warizan isshoni

掛け算と割り算が混じった分数の計算方法を知る。

1

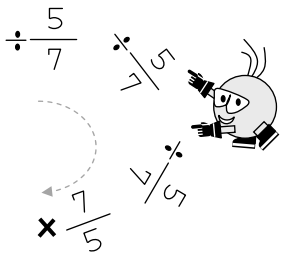
かけざんと わりざんが まざった けいさんの しかたを
Kakezan to warizan ga mazatta keesan no shikata o
べんきょうしましょう。
benkyoo shimashoo

$$\frac{1}{3} \div \boxed{\frac{5}{7}} \times \frac{1}{2}$$

$$= \frac{1}{3} \times \frac{7}{5} \times \frac{1}{2}$$

$$= \frac{1 \times 7 \times 1}{3 \times 5 \times 2}$$

$$= \frac{7}{30}$$



けいさんしましょう。
Keesan shimashoo

$$\frac{1}{5} \div \boxed{\frac{2}{3}} \times \frac{1}{7}$$

$$= \frac{1}{5} \times \frac{\square}{\square} \times \frac{1}{7}$$

$$= \frac{1 \times \square \times 1}{5 \times \square \times 7} = \underline{\quad\quad}$$

20 かけざん・わりざん いっしょに

掛け算と割り算が混じった分数の計算方法を知る。

1

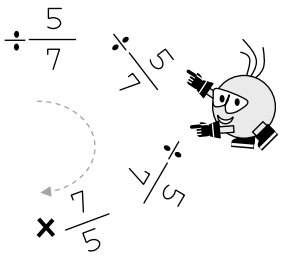
Learn how to solve the calculation with multiplication and division.
Pag-aralan kung paano kalkulahin ang mga magkahalong division at multiplication.

$$\frac{1}{3} \div \boxed{\frac{5}{7}} \times \frac{1}{2}$$

$$= \frac{1}{3} \times \frac{7}{5} \times \frac{1}{2}$$

$$= \frac{1 \times 7 \times 1}{3 \times 5 \times 2}$$

$$= \frac{7}{30}$$



Calculate.
Kalkulahin.

$$\frac{1}{5} \div \boxed{\frac{2}{3}} \times \frac{1}{7}$$

$$= \frac{1}{5} \times \frac{\square}{\square} \times \frac{1}{7}$$

$$= \frac{1 \times \square \times 1}{5 \times \square \times 7} = \underline{\quad\quad}$$

2

つぎの けいさんを しましょう。
Tsugi no keesan o shimashoo

① $\frac{1}{4} \div \frac{3}{5} \times \frac{1}{2}$

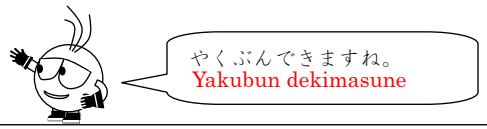
$= \frac{1}{4} \times \frac{\square}{\square} \times \frac{1}{2}$

$= \frac{1 \times \square \times 1}{4 \times \square \times 2} =$ ＿＿＿

② $\frac{3}{2} \div \frac{3}{5} \times \frac{7}{5}$

$= \frac{3}{2} \times \frac{\square}{\square} \times \frac{7}{5}$

$= \frac{\textcircled{3} \times \boxed{5} \times 7}{2 \times \textcircled{3} \times \boxed{5}} =$ ＿＿＿



つぎの もんだいを ノートに かいて けいさんしましょう。
Tsugi no mondai o nooto ni kaite keesan shimashoo

$\frac{2}{3} \div \frac{7}{9} \times \frac{1}{8}$

2

Calculate the following.
Kalkulahin ang mga sumusunod.

① $\frac{1}{4} \div \frac{3}{5} \times \frac{1}{2}$

$= \frac{1}{4} \times \frac{\square}{\square} \times \frac{1}{2}$

$= \frac{1 \times \square \times 1}{4 \times \square \times 2} =$ ＿＿＿

② $\frac{3}{2} \div \frac{3}{5} \times \frac{7}{5}$

$= \frac{3}{2} \times \frac{\square}{\square} \times \frac{7}{5}$

$= \frac{\textcircled{3} \times \boxed{5} \times 7}{2 \times \textcircled{3} \times \boxed{5}} =$ ＿＿＿

Write the following question in your notebook and calculate.
Isulat ang mga sumusunod na suliranin sa iyong notebook at kalkulahin.

$\frac{2}{3} \div \frac{7}{9} \times \frac{1}{8}$

3

つぎの けいさんを しましょう。

① $\frac{3}{7} \times \frac{1}{2} \div \frac{9}{14}$

$= \frac{3}{7} \times \frac{1}{2} \times \frac{14}{9}$

$= \frac{3 \times 1 \times 14}{7 \times 2 \times 9}$ （14 → 7×2、9 → 3×3）

$= \frac{\square}{\square}$

② $\frac{3}{5} \times \frac{1}{4} \div \frac{9}{25}$

$= \frac{3}{5} \times \frac{1}{4} \times \frac{\square}{\square}$

$= \frac{3 \times 1 \times}{5 \times 4 \times}$ （5×5、3×3）

$= \frac{\square}{\square}$

3

Calculate the following.

Kalkulahin ang mga sumusunod.

① $\frac{3}{7} \times \frac{1}{2} \div \frac{9}{14}$

$= \frac{3}{7} \times \frac{1}{2} \times \frac{14}{9}$

$= \frac{3 \times 1 \times 14}{7 \times 2 \times 9}$ （14 → 7×2、9 → 3×3）

$= \frac{\square}{\square}$

② $\frac{3}{5} \times \frac{1}{4} \div \frac{9}{25}$

$= \frac{3}{5} \times \frac{1}{4} \times \frac{\square}{\square}$

$= \frac{3 \times 1 \times}{5 \times 4 \times}$ （5×5、3×3）

$= \frac{\square}{\square}$

つぎの けいさんを しましょう。

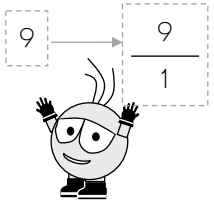
① $\frac{1}{4} \times \boxed{9} \div \frac{5}{8}$

$= \frac{1}{4} \times \frac{9}{1} \div \frac{5}{8}$

$= \frac{1}{4} \times \frac{9}{1} \times \frac{\square}{\square}$

$= \frac{\times \quad \times}{\times \quad \times}$

$= \frac{\square}{\square}$



② $\frac{2}{3} \times \boxed{6} \div \frac{3}{5}$

$= \frac{2}{3} \times \frac{\square}{\square} \div \frac{3}{5}$

$= \frac{2}{3} \times \frac{\square}{\square} \quad \frac{\square}{\square}$

$= \frac{\square}{\square}$

Calculate the following.

Kalkulahin ang mga sumusunod.

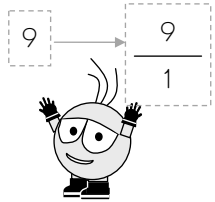
① $\frac{1}{4} \times \boxed{9} \div \frac{5}{8}$

$= \frac{1}{4} \times \frac{9}{1} \div \frac{5}{8}$

$= \frac{1}{4} \times \frac{9}{1} \times \frac{\square}{\square}$

$= \frac{\times \quad \times}{\times \quad \times}$

$= \frac{\square}{\square}$



② $\frac{2}{3} \times \boxed{6} \div \frac{3}{5}$

$= \frac{2}{3} \times \frac{\square}{\square} \div \frac{3}{5}$

$= \frac{2}{3} \times \frac{\square}{\square} \quad \frac{\square}{\square}$

$= \frac{\square}{\square}$