



在日フィリピン人児童のための算数教材 分数マスター・日本語クリアー
Mga Kagamitan sa Pagtuturo sa Matematika Para sa mga Estudyanteng Pilipinong Naninirahan sa Japan
BUNSUU MASTER NIHONGO CLEAR

19課/Lesson 19/Leksyon 19

【内容】 Contents Mga Nilalaman

① 整数÷分数の割り算場面
② 整数÷分数の割り算の計算方法
① The case where division, integer÷fraction is applied.
② The method of division, integer÷fraction.
① Kalagayan kung saan ginagamit ang division, integer÷fraction.
② Paraan ng division, integer÷fraction.

【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.



19 ぶんすうのわりざん ③

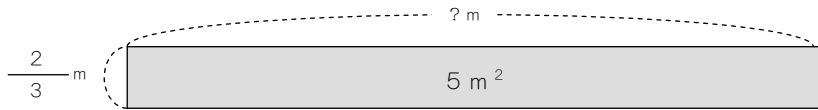
Bunsuu no warizan

整数÷分数の問題場面を確認し、計算方法を知る。

1

たてが $\frac{2}{3}$ m、めんせきが 5 m^2 の ちょうほうけいが
Tate ga $\frac{2}{3}$ m, menshiki ga 5 m^2 no chohohokee ga

あります。よこは なんmですか。
arimasu Yoko wa nan desuka



(たて) × (よこ) = (めんせき)
Tate kakeru yoko menshiki

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

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

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

① $\div \rightarrow \times$
② $\frac{2}{3} \times \frac{3}{2}$

「5」はどうしたら
wa dooshitara
よいのですか。
yoi no desuka



5は $\frac{5}{1}$ と おなじでしたね。
wa $\frac{5}{1}$ to onaji deshita ne (だいらかを みてみましょう。)

5を $\frac{5}{1}$ に なおして しきを かいてみましょう。
o $\frac{5}{1}$ ni naoshite shiki o kaite mimashoo

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

これなら
Korenara
けいさんできますね。
keesan dekimasune



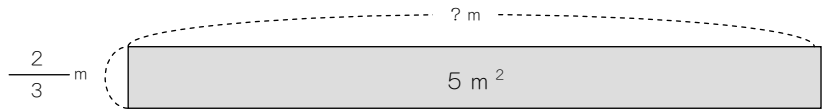
19 ぶんすうのわりざん ③

整数÷分数の問題場面を確認し、計算方法を知る。

1

There is a rectangle whose length is $2/3\text{m}$ and area is 5 m^2 . How many meters is the width?

Mayroong rectangle na may haba ng $2/3\text{m}$ at may kasakupan na 5 m^2 . Ilang m ang lapad nito?



(length/haba) × (width/lapad) = (area/kasakupan)

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

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

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

① $\div \rightarrow \times$
② $\frac{2}{3} \times \frac{3}{2}$

What should you do with "5"?
Ano ang gagawin sa "5"?



5 is the same with $5/1$. (See unit 6.)
Ang 5 ay kasinlaki ng $5/1$. (Tignan ang unit 6.)

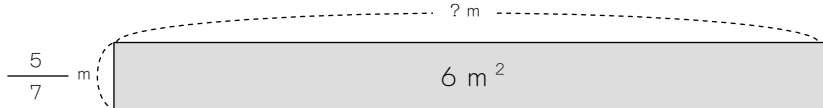
Change 5 into $5/1$ and write a math formula.
Ayusin ang 5 sa $5/1$ at isulat ang math formula.

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

They can be calculated in this way.
Makakalkula ito sa ganitong paraan.

めんせきが 6 m^2 、たてが $\frac{5}{7} \text{ m}$ の ちょうほうけい
 Menseki ga tate ga $\frac{5}{7}$ no choohookee ga

あります。よこは なんmですか。
 arimasu Yoko wa nan desuka



Menseki waru tate yoko
 (めんせき) ÷ (たて) = (よこ)

$$\boxed{6} \div \frac{5}{7} =$$

6をぶんすうになおしましょう。
 o bunnsuu ni shimashoo
 ぶんぼ(した)を1にすればいいのでしたね。
 Bunbo (shita) o ni sureba ii nodeshita ne

$$6 \Rightarrow \frac{6}{1}$$

$$\frac{6}{1} \div \frac{5}{7} = \frac{6 \times 7}{1 \times 5}$$

=

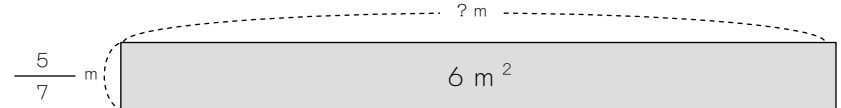
① $6 \rightarrow \frac{6}{1}$ ② $\div \rightarrow \times$ ③ $\frac{5}{7} \rightarrow \frac{7}{5}$

ぶんぼ(した)は1。÷は×に。ひっくりかえます。
 Bunbo (shita) wa Waru wa kakeru ni Hikkuri kaeshimasu



There is a rectangle whose length is $\frac{5}{7} \text{ m}$ and area is 6 m^2 . How many meters is the width?

Mayroong rectangle na may haba ng $\frac{5}{7} \text{ m}$ at may kasakupan na 6 m^2 . Ilang m ang lapad nito?



(area/kasakupan) ÷ (length/haba) = (width/lapad)

$$\boxed{6} \div \frac{5}{7} =$$

Change 6 into fraction.

Ayusin ang 6 sa fraction.

The denominator (below) should be 1.

Kailangang ayusin ang denominator (baba) sa 1.

$$6 \Rightarrow \frac{6}{1}$$

$$\frac{6}{1} \div \frac{5}{7} = \frac{6 \times 7}{1 \times 5}$$

=

① $6 \rightarrow \frac{6}{1}$ ② $\div \rightarrow \times$ ③ $\frac{5}{7} \rightarrow \frac{7}{5}$

The denominator (below) is 1. Change ÷ into ×. Turn upside down (reciprocal).

Ang denominator (baba) ay 1. Palitan ang ÷ ng ×. Baliktarin.



3

整数÷分数の計算に慣れる①

つぎの けいさんを しましょう。

Tsugi no keesan o shimashoo

$$\textcircled{1} \quad 5 \div \frac{7}{9} = \frac{\boxed{}}{1} \div \frac{7}{9}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$\textcircled{2} \quad 6 \div \frac{8}{3} = \frac{\boxed{}}{1} \div \frac{8}{3}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

6も8も 2でわれますね。
mo mo de waremasune
 $6 \div 2 = 3$
 $8 \div 2 = 4$

$$= \frac{\boxed{}}{\boxed{}}$$

3

整数÷分数の計算に慣れる①

Calculate the following.

Kalkulahin ang mga sumusunod.

$$\textcircled{1} \quad 5 \div \frac{7}{9} = \frac{\boxed{}}{1} \div \frac{7}{9}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$\textcircled{2} \quad 6 \div \frac{8}{3} = \frac{\boxed{}}{1} \div \frac{8}{3}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

6 and 8 can be divided by 2.
Ang 6 at 8 ay mahahati sa 2.
 $6 \div 2 = 3$
 $8 \div 2 = 4$

$$= \frac{\boxed{}}{\boxed{}}$$

4

整数÷分数の計算に慣れる②

つぎの けいさんを しましょう。

$$\textcircled{1} \quad 15 \div \frac{10}{7} = \frac{\boxed{}}{1} \div \frac{10}{7}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$\textcircled{2} \quad 6 \div \frac{3}{2} = \frac{\boxed{}}{1} \div \frac{3}{2}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{1}$$

$$= \boxed{}$$

ぶんぼ(した)が1です。
Bunbo (shita) ga desu
 ということは...
to yuu kotowa



4

整数÷分数の計算に慣れる②

Calculate the following.
 Kalkulahin ang mga sumusunod.

$$\textcircled{1} \quad 15 \div \frac{10}{7} = \frac{\boxed{}}{1} \div \frac{10}{7}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{\boxed{}}$$

$$\textcircled{2} \quad 6 \div \frac{3}{2} = \frac{\boxed{}}{1} \div \frac{3}{2}$$

$$= \frac{\boxed{} \times \boxed{}}{1 \times \boxed{}}$$

$$= \frac{\boxed{}}{1}$$

$$= \boxed{}$$

The denominator (below) is 1.
 So...
 Ang denominator ay 1.
 Kaya...

