



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

24課 / Lesson 24 / Leksyon 24

ようごとぶん / Words and phrases / Mga Salita

ようご	Words	Mga salita
いた	board / plank	tabla
ペンキ	paint	pintura
ひょう	table / graph	table

ぶん	Phrases	Grupo ng mga salita
ひょうをみて、 こたえましょう。	Look at the table and answer.	Tignan ang table at sagutan.



## 24課/Lesson 24/Leksyon 24

### 【内容】 Contents Mga Nilalaman

① 分数×整数の文章題（ペンキの量と塗れる面積の問題）
② 分数÷整数の文章題（ペンキの量と塗れる面積の問題）
① Word problems on fraction×integer. (Word problems on the quantity of paint and the area to be able to be painted with it)
② Word problems on fraction÷integer. (Word problems on the quantity of paint and the area to be able to be painted with it)
① Mga word problem sa fraction×integer. (Problema na tumatalakay sa dami ng pinta at laki ng sukat na mapipintahan sa gamit ng pintang iyan.)
② Mga word problem sa fraction÷integer. (Problema na tumatalakay sa dami ng pinta at laki ng sukat na mapipintahan sa gamit ng pintang iyan.)

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

① 単位を表す「で」→「1 dlで2/5 m <sup>2</sup> 塗れる。」
① 「DE」, terminology to express the unit →「1dl DE 2/5 m <sup>2</sup> NURERU.」(2/5 m <sup>2</sup> can be painted with 1dl.)
① 「DE」na ginagamit upang maituro ang unit / pamantayan. →「1dl DE 2/5 m <sup>2</sup> NURERU.」(Mapipintahan ang 2/5m <sup>2</sup> sa gamit ng 1dl.)



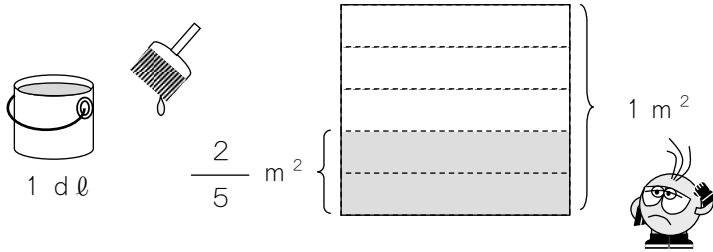
# 24 わりざんの ぶんしょうだい ①

Warizan no bunshoodai

ペンキの量と塗れる面積の関係を理解する。

1

1 dlで いたを  $\frac{2}{5}$  m<sup>2</sup> ぬれる ペンキがあります。  
 Ichi deshirittoru de ita o nureru penki ga arimasu  
 この ペンキ 2 dlでは、いたを なんm<sup>2</sup> ぬれますか。  
 Kono penki dewa ita o nan nuremasuka



ひょうをみて、こたえましょう。  
 Hyoo o mite kotae mashoo

ペンキの りょう Penki no ryoo	1 dl → 2 dl
ぬれる ひろさ Nureru hiroasa	$\frac{2}{5}$ m <sup>2</sup> →

①はじめは 1 dlです。つぎは 2 dlです。  
 Hajime wa desu Tsugi wa desu  
 ペンキは なんばいになりましたか。  
 Penki wa nanbai ni narimashitaka

②ペンキの りょうが 2ばいになったら、  
 Penki no ryoo ga bai ni nattara  
 ぬれる ひろさは どうなりますか。  
 Nureru hiroasa wa doo narimasuka  
 (ア) 2ばいになります。 (イ) はんぶんになります。  
 bai ni narimasu hanbun ni narimasu

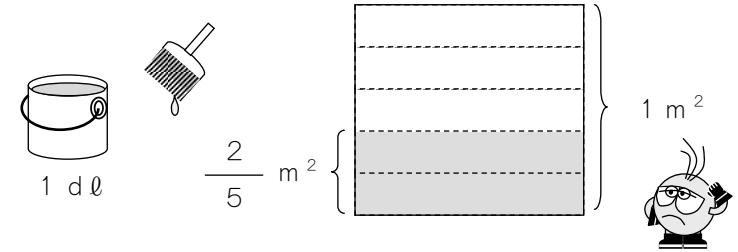


# 24 わりざんの ぶんしょうだい ①

ペンキの量と塗れる面積の関係を理解する。

1

There is paint, 1dl of which is enough to paint 2/5 m<sup>2</sup> of board.  
 Mayroong pintura na 1dl nito ay makakakulay ng 2/5 m<sup>2</sup> ng tabla.  
 How many m<sup>2</sup> of board can be painted with 2dl of this paint?  
 Ilang m<sup>2</sup> ng tabla ang makukulayan ng 2dl na pinturang ito?



Look at the table and answer.  
 Tignan ang table at sagutin.

amount of paint dami ng pintura	1 dl → 2 dl
area that can be painted kasakupang makukulayan	$\frac{2}{5}$ m <sup>2</sup> →

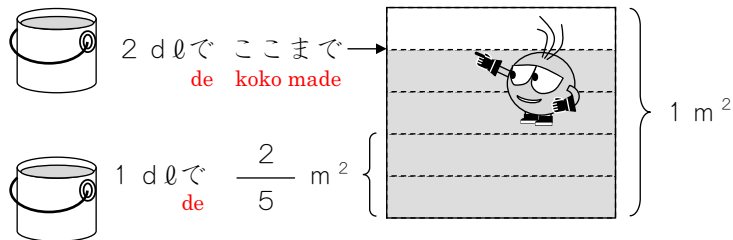
① First 1dl. Next 2dl.  
 Una ay 1dl at pagkatapos ay 2dl.  
 How many times of the first paint is the second one?  
 Naging ilang beses na ang pintura?  
 ② How will the area that can be painted change when the amount of paint doubles?  
 Kapag ang dami ng pintura ay naging 2 beses, paano magbabago ang kasakupang makukulayan?  
 (ア) It doubles. / Magiging 2 beses. (イ) It becomes half. / Magiging kalahati.

③  $\frac{2}{5} \text{ m}^2$  の 2 ばいは なん  $\text{m}^2$  ですか。  
 no bai wa nan desuka

(しき)  
 shiki

(こたえ)  
 kotae

④ えで たしかめてみましょう。  
 E de tashikamete mimashoo



⑤ 3 dl では なん  $\text{m}^2$  ぬれるでしょうか。  
 dewa nan nurerudeshooka

ペンキのりょう Penki no ryoo	1 dl → 3 dl
ぬれるひろさ Nureru hirosa	$\frac{2}{5} \text{ m}^2$

1 dl のときより なんばい ぬれますか。  
 no toki yori nan bai nuremasuka

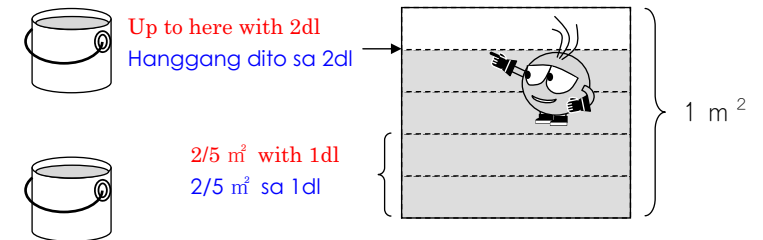
しきと こたえを かきましょう。  
 Shiki to kotae o kakimashoo

③ How many  $\text{m}^2$  is twice of  $\frac{2}{5} \text{ m}^2$ ?  
 Ilang  $\text{m}^2$  ang 2 beses ng  $\frac{2}{5} \text{ m}^2$ ?

(Formula)

(Answer)

④ Check with the diagram.  
 Suriin ito sa diagram.



How many  $\text{m}^2$  can be painted with 3dl?  
 ⑤ Ilang  $\text{m}^2$  ang makukulayan ng 3dl?

amount of paint dami ng pintura	1 dl → 3 dl
area that can be painted kasakupang makukulayan	$\frac{2}{5} \text{ m}^2$

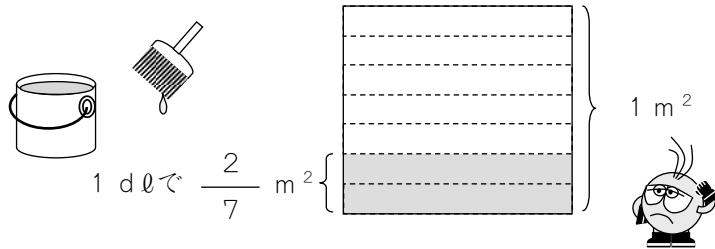
How many times of area painted with 1dl can be painted with 3dl?  
 Ilang beses ng kasakupang makukulayan sa 1dl ang kasakupang makukulayan sa 3dl?  
 Write the math formula and the answer.  
 Isulat ang math formula at sagotin.

2

分数を整数倍する「ペンキと板」の問題を解いてみる。

1 dlでいたを  $\frac{2}{7}$  m<sup>2</sup> ぬれる ペンキがあります。

この ペンキ 3 dlでは、いたを なんm<sup>2</sup> ぬれますか。



ひょうをみて、こたえましょう。

ペンキのりょう	1 dl	→	3 dl
ぬれるひろさ	$\frac{2}{7}$ m <sup>2</sup>	→	

①はじめは 1 dlです。つぎは 3 dlです。

ペンキは なんばいになりましたか。

②  $\frac{2}{7}$  m<sup>2</sup> の 3ばいは なんm<sup>2</sup> ですか。

(しき)

(こたえ)

2

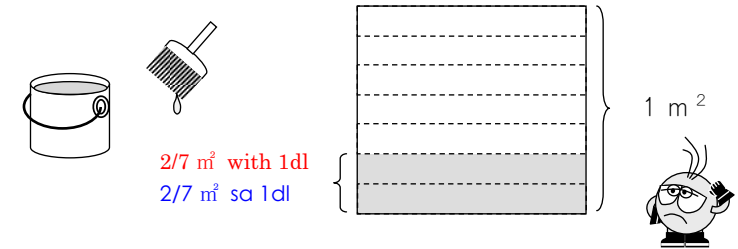
分数を整数倍する「ペンキと板」の問題を解いてみる。

There is paint, 1dl of which is enough to paint  $\frac{2}{7}$  m<sup>2</sup> of board.

Mayroong pintura na 1dl nito ay makakakulay ng  $\frac{2}{7}$  m<sup>2</sup> ng tabla.

How many m<sup>2</sup> of board can be painted with 3dl of this paint?

Ilang m<sup>2</sup> ng tabla ang makukulayan ng 3dl na pinturang ito?



Look at the table and answer.

Tignan ang table at sagutin.

amount of paint dami ng pintura	1 dl	→	3 dl
area that can be painted kasakupang makukulayan	$\frac{2}{7}$ m <sup>2</sup>	→	

① First 1dl. Next 3dl.

Una ay 1dl at pagkatapos ay 3dl.

How many times of the first paint is the second one?

Naging ilang beses na ang pintura?

② How many m<sup>2</sup> is three times of  $\frac{2}{7}$  m<sup>2</sup>?

Ilang m<sup>2</sup> ang 3 beses ng  $\frac{2}{7}$  m<sup>2</sup>?

(Formula)

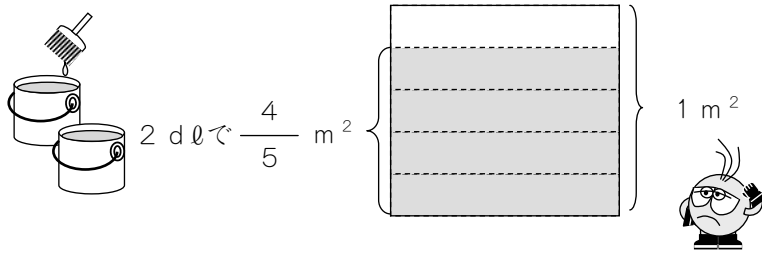
(Answer)

3

分数を整数で割る「ペンキと板」の問題を知る。

2 dl でいたを  $\frac{4}{5}$  m<sup>2</sup> ぬれる ペンキがあります。

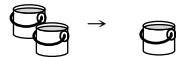
この ペンキ 1 dl では、いたを なん m<sup>2</sup> ぬれますか。



ひょうをみて、こたえましょう。

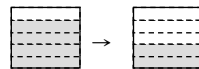
ペンキのりょう	2 dl	→	1 dl
ぬれるひろさ	$\frac{4}{5}$ m <sup>2</sup>	→	

はじめは 2 dl です。つぎは 1 dl です。  
Hajime wa desu Tsugi wa desu



ペンキは はんぶんになりました。  
Penki wa hanbun ni narimashita

ぬれるひろさも はんぶんになりますね。  
Nureru hirosa mo hanbun ni narimasu ne



$\frac{4}{5}$  m<sup>2</sup> を はんぶん に しましょう。  
o hanbun ni shimashoo

はんぶんだから、  
2 で わります。



(しき)  $\frac{4}{5} \div 2 =$

(こたえ)

3

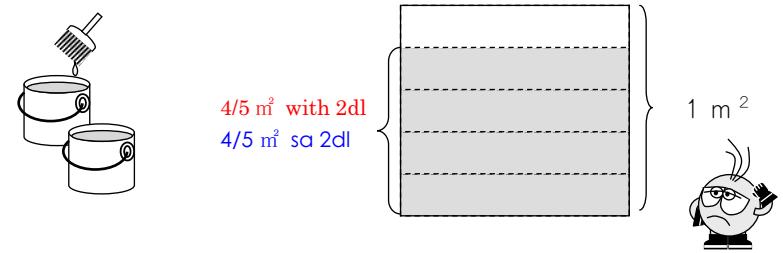
分数を整数で割る「ペンキと板」の問題を知る。

There is paint, 2dl of which is enough to paint  $\frac{4}{5}$  m<sup>2</sup> of board.

Mayroong pintura na 2dl nito ay makakakulay ng  $\frac{4}{5}$  m<sup>2</sup> ng tabla.

How many m<sup>2</sup> of board can be painted with 1dl of this paint?

lang m<sup>2</sup> ng tabla ang makukulayan ng 1dl na pinturang ito?



Look at the table and answer.

Tignan ang table at sagutin.

amount of paint dami ng pintura	2 dl	→	1 dl
area that can be painted kasakupang makukulayan	$\frac{4}{5}$ m <sup>2</sup>	→	

First 2dl. Next 1dl.

Una ay 2dl at pagkatapos ay 1dl.

The paint became half.

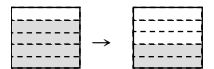
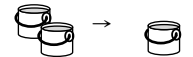
Ang pintura ay naging kalahati.

The area that can be painted also becomes half.

Ang kasakupang makukulayan ay magiging kalahati din.

Reduce  $\frac{4}{5}$  m<sup>2</sup> to half.

Hatiin ang  $\frac{4}{5}$  m<sup>2</sup>.



Divide it by 2 to reduce it to half.  
Hatiin ito sa 2 upang maging kalahati ito.

(Formula)  $\frac{4}{5} \div 2 =$

(Answer)

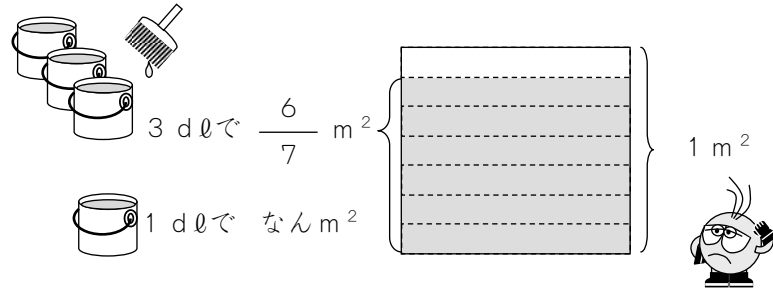


4

分数を整数で割る「ペンキと板」の問題を解いてみる。

3 dl でいたを  $\frac{6}{7}$  m<sup>2</sup> ぬれる ペンキがあります。

この ペンキ 1 dl では、いたを なん m<sup>2</sup> ぬれますか。



ひょうをみて、こたえましょう。

ペンキのりょう	3 dl	→	1 dl
ぬれるひろさ	$\frac{6}{7}$ m <sup>2</sup>	→	

①はじめは 3 dl です。つぎは 1 dl です。

Hajime wa desu Tsugi wa desu

3 dl を 3 で わると 1 dl に なりますね。

o de waruto ni narimasune

②ぬれるひろさ  $\frac{6}{7}$  m<sup>2</sup> も 3 で わりましょう。

Nureru hirosa mo de warimashoo

(しき)

(こたえ)



4

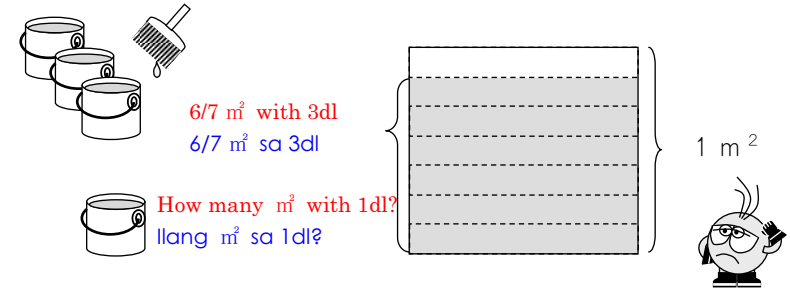
分数を整数で割る「ペンキと板」の問題を解いてみる。

There is paint, 3dl of which is enough to paint  $\frac{6}{7}$  m<sup>2</sup> of board.

Mayroong pintura na 3dl nito ay makakakulay ng  $\frac{6}{7}$  m<sup>2</sup> ng tabla.

How many m<sup>2</sup> of board can be painted with 1dl of this paint?

Ilang m<sup>2</sup> ng tabla ang makukulayan ng 1dl na pinturang ito?



Look at the table and answer.

Tignan ang table at sagutin.

amount of paint dami ng pintura	3 dl	→	1 dl
area that can be painted kasakupang makukulayan	$\frac{6}{7}$ m <sup>2</sup>	→	

① First 3dl. Next 1dl.

Una ay 3dl at pagkatapos ay 1dl.

If 3dl is divided by 3, the answer is 1dl.

Kapag ang 3dl ay hinati sa 3, 1dl ang sagot.

② Also divide  $\frac{6}{7}$  m<sup>2</sup>, the area that can be painted, by 3.

Hatiin din sa 3 ang  $\frac{6}{7}$  m<sup>2</sup> na kasakupang makukulayan.

(Formula)

(Answer)

