



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

21課 / Lesson 21 / Leksyon 21

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

ようご	Words	Mga salita
ばい	times	beses ng (laki / dami)
かさ	bulk / quantity / volume	volume / dami

ぶん	Phrases	Grupo ng mga salita
8mは2mの なんばいですか。	How many times of 2m is 8m?	Ilang beses ng 2m ang 8m?
かさで なんばいかを くらべてみましょう。	Compare how many times the volume of one of that of the other is.	Ihambing kung ilang beses ng dami ng isa ang dami ng isa pa.



21課/Lesson 21/Leksyon 21

【内容】 Contents Mga Nilalaman

①分数でも何倍かを表すことができることと表し方
①It is possible to express even with fraction how many times of a certain value it is. And the method to express it.
①Pagpapakilala at pag-alam na maaari ding maipakita ang ilang beses ang laki sa gamit ng fraction. At paraan ng pagpakita nito.

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

①「～は～のN倍」→「8mは2mの何倍ですか。」
②「～で～を比べる。」→「重さで何倍かを比べてみましょう。」
①「～WA～NO N BAI」(～ is N times of ～) →「8m WA 2m NO NANBAI DESUKA」(How many times of 2m is 8m?)
②「～DE～O KURABERU.」(Compare ～ focused on ～.) →「OMOSADE NANBAIKA O KURABETE MIMASHOO.」 (Compare them by finding how many times the weight of one is that of the other.)
①「～WA～NO N BAI」(N na beses na laki ng ～ ang ～.) →「8m WA 2m NO NANBAI DESUKA」(Ilang beses na laki ng 2m ang 8m?)
②「～DE～O KURABERU.」(Ihambing ang ～ sa pamamagitan ng～.) →「OMOSADE NANBAIKA O KURABETE MIMASHOO.」 (Ihambing kung ilang beses ng bigat ng isa ang bigat ng isa pa.)



21 ぶんすうの ばい ①

Bunsuu no bai

N倍の求め方の確認をし、分数で倍を表す場面を知る。

1

「ばい」の けいさんをおもいだしましょう。

“Bai” no keesan o omoidashi mashoo

8 mは 2 mの なんばいですか。

wa no nanbai desuka

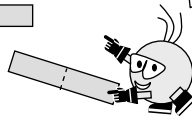
8 m



2 m



1, 2, 3, 4。



(しき) $8 \div 2 =$

shiki

(こたえ) 4ばい

kotae bai

① 4 mは 3 mの なんばいでしょうか。

wa no nanbai deshooka

4 m



3 m



Warikire masen ne

わりきれませんね。

こたえを
ぶんすうに
すればいい
のですよ。

Kotae o
bunsuu ni
sureba ii
nodesuyo

(しき) $4 \div 3 =$

(こたえ) $\frac{4}{3}$ ばい

$$4 \div 3 = \frac{4}{3}$$

② 5 mは 2 mの なんばいでしょうか。

5 m



2 m



(しき)

(こたえ)



21 ぶんすうの ばい ①

N倍の求め方の確認をし、分数で倍を表す場面を知る。

1

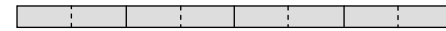
Remember how to calculate "times".

Tandaang muli kung paano kalkulihin ang "beses".

How many times of 2m is 8m?

Ilang beses ng 2m ang 8m?

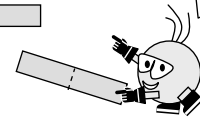
8 m



2 m



1, 2, 3, 4。



(Formula) $8 \div 2 =$

(Answer) 4 times

① How many times of 3m is 4m?

Ilang beses ng 3m ang 4m?

4 m



3 m



They cannot be divided.
Hindi mahahati.

The answer should
be fraction.
Dapat sa fraction
ang sagot.

(Formula) $4 \div 3 =$

(Answer) $\frac{4}{3}$ times

$$4 \div 3 = \frac{4}{3}$$

② How many times of 2m is 5m?

Ilang beses ng 2m ang 5m?

5 m



2 m



(Formula)

(Answer)

2

元にする数の方が小さい場合でも「N倍」と表し、分数表示もできることを知る。

2 mは 5 mの なんばいでしょうか。
wa no nanbai deshooka

2 m

5 m

(しき) $2 \div 5 = \frac{\square}{\square}$

(こたえ) $\frac{2}{5}$ ばい

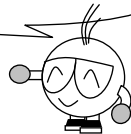
Ni meetoru no hoo ga
chiisai noni
"Nanbai"

2 mの ほうが
ちいさいのに...
「なんばい」?

だいじょうぶ。
これも ぶんすうに
すれば いいのですよ。

Daijoobu
Koremo bunsuu ni
sureba iino desuyo

ちいさいのに「ばい」というのは、なにか へんですね。
Chiisai noni "bai" to yuu nowa nanika hen desune
でも、さんすうでは こういので、おぼえましょう。
Demo sansuu dewa kooyuu node oboemashoo



① 3 mは 4 mの なんばいですか。
wa no nanbai desuka

3 m

4 m

(しき)

(こたえ)



2

元にする数の方が小さい場合でも「N倍」と表し、分数表示もできることを知る。

How many times of 5m is 2m?
Ilang beses ng 5m ang 2m?

2 m

5 m

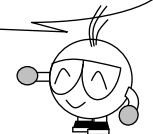
(Formula) $2 \div 5 = \frac{\square}{\square}$

(Answer) $\frac{2}{5}$ times

But 2m is smaller...
Ngunit mas maliit
ang 2m...

You can also change
this into fraction.
Maaayos din ito sa
fraction.

The question is how many "times" of the larger number the smaller one is.
It sounds strange.
Ang tanong ay kung ilang "beses" ng mas malaki ang mas maliit.
Mukhang maliit.
But remember this kind of question because it is common in mathematics.
Ngunit tandaan ang ganitong suliranin dahil pangkaraniwan ito sa matematika.



① How many times of 4m is 3m?
Ilang beses ng 4m ang 3m?

3 m

4 m

(Formula)

(Answer)



3

分数倍の場面に慣れる。

つぎの もんだいに こたえましょう。

Tsugi no mondai ni kotaemashoo

① 1 m は 3 m の なんばいですか。

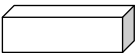
1 m  (しき)3 m  (こたえ)

② 2 m は 3 m の なんばいですか。

2 m  (しき)3 m  (こたえ)


③ こんどは kg で なんばいかを くらべてみましょう。

Kondo wa kiroguramu de nanbai ka o kurabete mimashoo

5 kg は 7 kg の なんばいですか。
wa no nanbai desuka5 kg  (しき)7 kg  (こたえ)

④ こんどは l で なんばいかを くらべてみましょう。

Kondo wa rittoru de nanbai ka o kurabete mimashoo

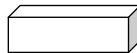
8 l は 12 l の なんばいですか。
wa no nanbai desuka8 l  (しき)12 l  (こたえ)

3

分数倍の場面に慣れる。

Answer the following questions.

Sagutin ang mga sumusunod na suliranin.

① How many times of 3m is 1m?
Ilang beses ng 3m ang 1m?1 m  (Formula)3 m  (Answer)② How many times of 3m is 2m?
Ilang beses ng 3m ang 2m?2 m  (Formula)3 m  (Answer)③ Next compare how many times it is in kg.
Susunod, ihambing kung ilang beses sa kg.How many times of 7kg is 5kg?
Ilang beses ng 7kg ang 5kg?5 kg  (Formula)7 kg  (Answer)④ Next compare how many times it is in l.
Susunod, ihambing kung ilang beses sa l.How many times of 12l is 8l?
Ilang beses ng 12l ang 8l?8 l  (Formula)12 l  (Answer)