



30課  
ようごとぶん

**Lesson 30**  
**Words and phrases**

Leksyon 30  
Mga Salita

ようご	<b>Words</b>	Mga salita
これでおわり	it ends here	dito nagtatapos

ぶん	<b>Phrases</b>	Grupo ng mga salita
これでおわり	the process ends here	dito nagtatapos ...



### 30課/Lesson 30 /Leksyon 30

#### 【内容】 Contents Mga Nilalaman

(3位数) — (2位数) で繰り下がりが波及する計算②
(3 digits) - (2 digits) subtraction with borrowing; the ripple effect of borrowing
(3 digit) - (2 digit) pagbabawas na may kasamang borrowing; the ripple effect of borrowing

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

[ ] の位から [ ] の位に1繰り下げると、[ ] の位は [ ] 。 /[ ] no kurai kara [ ] no kurai ni 1 (ichi) kurisageruto, [ ] no kurai wa [ ] .
If we borrow 1 from the (place value N2) and add to the (place value N1), (place value N1) will become ( ).
Kung hihiram tayo ng 1 sa (place value N2) at idagdag ito sa (place value N1), and (place value N1) ay magiging ( ).



### 30 0だからくりさげられない ②

Ree dakara

kurisagerarenai

百の位が0になる場合

1

103-47のけいさんのしかたをいみましょう。  
Hyakusan hiku yonjuunana no keesan no shikata o imashoo.

$$\begin{array}{r} \textcircled{9} \textcircled{1} \\ 103 \\ - 47 \\ \hline \end{array}$$

①  から  はひけない。  
kara wa hikenai.

② でも、十のくらは0だから  
Demo, junnokurai wa ree dakara  
くりさげられない。  
kurisagerarenai.

③ 百のくからから十のくらしいに  
Hyaku no kurai kara juu no kurai ni

$$\begin{array}{r} \textcircled{9} \textcircled{1} \textcircled{0} \\ 103 \\ - 47 \\ \hline \end{array}$$

1くりさげると  
ichi kurisageruto

百のくらしいは 。  
hyaku no kurai wa .

④ 十のくらしいは 。  
juu no kurai wa .

⑤ 十のくらしいから一のくらしいに  
juu no kurai kara ichi no kurai ni

$$\begin{array}{r} \textcircled{9} \textcircled{1} \textcircled{0} \\ 103 \\ - 47 \\ \hline \end{array}$$

1くりさげると  
ichi kurisageruto

十のくらしいは 。  
juu no kurai wa .

⑥ 一のくらしいは 。  
ichi no kurai wa .

⑦ 一のくらしいのけいさん。  
ichi no kurai no keesan.

$$\begin{array}{r} \textcircled{9} \textcircled{1} \textcircled{0} \textcircled{1} \textcircled{9} \\ 103 \\ - 47 \\ \hline 56 \end{array}$$

-  =

⑧ 十のくらしいのけいさん。  
juu no kurai no keesan.

-  =

⑨ 百のくらしいは0なので  
hyaku no kurai wa ree nanode

これで終わり。  
korede owari.



④ の もんだいを やりましょう。  
no mondai o yarimashoo.

### 30 Since the number is 0, we cannot borrow from it (2) Dahil ang bilang ay 0 (sero), hindi maaaring humiram dito

百の位が0になる場合

1

Explain how do we calculate 103 - 47.  
Ipaliwarag ang pagkalkula ng 103 - 47.

$$\begin{array}{r} \textcircled{9} \textcircled{1} \\ 103 \\ - 47 \\ \hline \end{array}$$

① We cannot subtract  from .  
Hindi maaaring magbawas ng  sa .

② However, since the tens is 0 (zero), we cannot borrow from it.  
Ngunit dahil ang tens ay 0 (sero), hindi maaaring humiram dito.

③ If we borrow 1 from the hundreds, there will be  hundreds left.  
Kung hihiram ng 1 sa hundreds, ang maititirang hundreds ay .

$$\begin{array}{r} \textcircled{9} \textcircled{0} \textcircled{1} \textcircled{0} \\ 103 \\ - 47 \\ \hline \end{array}$$

④ That makes  tens.  
Ang tens ay magiging .

⑤ If we borrow 1 from the tens, there will be  tens left.  
Kung hihiram tayo ng 1 sa tens, ang maititirang tens ay .

$$\begin{array}{r} \textcircled{9} \textcircled{0} \textcircled{9} \textcircled{1} \textcircled{9} \\ 103 \\ - 47 \\ \hline \end{array}$$

⑥ That makes  ones.  
Ang ones ay magiging .

⑦ Subtraction of the ones.  
Ang pagbabawas ng ones.

$$\square - \square = \square$$

⑧ Subtraction of the tens.  
Ang pagbabawas ng tens.

$$\square - \square = \square$$

⑨ Since the hundreds is 0 (zero), the process ends here.  
Dahil ang hundreds ay 0 (sero), dito nagtatapos ang kalkulasyon.



Solve Problem 1 in page 118  
Gawin ang Problem 1 sa page 118

2

806-609のけいさんのしかたをいみましょう。  
Happyakuroku hiku roppyakuyuu no keesan no shikata o iimashoo.

①  から  はひけない。  
kara wa hikenai.

② でも、十のくらはいは0だから  
Demo, juu no kurai wa tee dakara  
くりさげられない。  
kurisagerarenai.

③ 百のくからから 十のくらしいに  
Hyaku no kurai kara juu no kurai ni

1くりさげると  
ichi kurisageru to

百のくらしいは 。  
hyaku no kurai wa

④ 十のくらしいは 。  
juu no kurai wa

⑤ 十のくからから 一のくらしいに  
Juu no kurai kara ichi no kurai ni

1くりさげると  
ichi kurisageru to

十のくらしいは 。  
juu no kurai wa

⑥ 一のくらしいは 。  
ichi no kurai wa

⑦ 一のくらしいのけいさん。  
ichi no kurai no keesan.

-  =

⑧ 十のくらしいのけいさん。  
juu no kurai no keesan.

-  =

⑨ 百のくらしいのけいさん。  
hyaku no kurai no keesan.

-  =

⑤の もんだいを  
no mondai o  
やりましょう。  
yurumashoo.



$$\begin{array}{r} 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline 197 \end{array}$$

2

Explain how do we calculate 806 - 609.  
Ipaliwanag ang pagkalkula ng 806 - 609.

① We cannot subtract  from .  
Hindi maaaring magbawas ng  sa .

② However, since the tens is 0 (zero), we cannot borrow from it.  
Ngunit dahil ang tens ay 0 (sero), hindi maaaring humiram dito.

③ If we borrow 1 from the hundreds, there will be  hundreds left.  
Kung hihiram ng 1 sa hundreds, ang matitirang hundreds ay .

④ That makes  tens.  
Ang tens ay magiging .

⑤ If we borrow 1 from the tens, there will be  tens left.  
Kung hihiram ng 1 sa tens, ang matitirang tens ay .

⑥ That makes  ones.  
Ang ones ay magiging .

⑦ Subtraction of the ones.  
Ang pagbabawas ng ones.

⑧ Subtraction of the tens.  
Ang pagbabawas ng tens.

⑨ Subtraction of the hundreds.  
Ang pagbabawas ng hundreds.

$$\begin{array}{r} 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

$$\begin{array}{r} 710 \\ 806 \\ - 609 \\ \hline \end{array}$$

⑦ Subtraction of the ones.  
Ang pagbabawas ng ones.

-  =

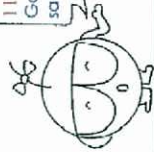
⑧ Subtraction of the tens.  
Ang pagbabawas ng tens.

-  =

⑨ Subtraction of the hundreds.  
Ang pagbabawas ng hundreds.

-  =

Solve Problem 5 in page 118  
Cavin ang Problem 5 sa page 118





3

700-567のけいさんのしかたをいしましょう。  
 Nanahyaku hiku gohyakurokujumana no keesan no shikata o iimashoo.

$$\begin{array}{r} \textcircled{1} \textcircled{2} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ①  から  はひけない。  
 kara wa hikenai.
- ② でも、十のくらはいは0だから  
 Demo, juu no kurai wa ree dakara  
 くりさげられない。  
 kurisagerarenai.

$$\begin{array}{r} \textcircled{3} \textcircled{4} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ③ 百のくから十のくから十のくらしいに  
 Hyaku no kurai kara juu no kurai ni
- ④ 十のくらしいは 。  
 Juu no kurai wa

$$\begin{array}{r} \textcircled{5} \textcircled{6} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ⑤ 十のくらしいから一のくらしいに  
 Juu no kurai kara ichi no kurai ni
- ⑥ 一のくらしいは 。  
 Ichi no kurai wa

$$\begin{array}{r} \textcircled{7} \textcircled{8} \\ 700 \\ - 567 \\ \hline 133 \\ \textcircled{9} \textcircled{10} \end{array}$$

- ⑦ 一のくらしいのけいさん。  
 Ichi no kurai no keesan.
- ⑧ 十のくらしいのけいさん。  
 Juu no kurai no keesan.
- ⑨ 百のくらしいのけいさん。  
 Hyaku no kurai no keesan.



⑥ ⑦ の もんだいを やり まし ょ う。  
 no mondai o yarimashoo.

3

Explain how do we calculate 700 - 567.  
 Ipaliwanag ang pagkalkula ng 700 - 567.

$$\begin{array}{r} \textcircled{1} \textcircled{2} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ① We cannot subtract  from  sa .  
 Hindi maaring magbawas ng  sa .  
 ② However, since the tens is 0 (zero), we cannot borrow from it.  
 Ngunit dahil ang tens ay 0 (zero), hindi maaring humiram dito.

$$\begin{array}{r} \textcircled{3} \textcircled{4} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ③ If we borrow 1 from the hundreds, there will be  hundreds left.  
 Kung hihiram ng 1 sa hundreds, ang matitirang hundreds ay .
- ④ That makes  tens.  
 Ang tens ay magiging .

$$\begin{array}{r} \textcircled{5} \textcircled{6} \\ 700 \\ - 567 \\ \hline \end{array}$$

- ⑤ If we borrow 1 from the tens, there will be  tens left.  
 Kung hihiram ng 1 sa tens, ang matitirang tens ay .
- ⑥ That makes  ones.  
 Ang ones ay magiging .

$$\begin{array}{r} \textcircled{7} \textcircled{8} \\ 700 \\ - 567 \\ \hline 133 \\ \textcircled{9} \textcircled{10} \end{array}$$

- ⑦ Subtraction of the ones.  
 Ang pagbabawas ng ones.
- ⑧ Subtraction of the tens.  
 Ang pagbabawas ng tens.
- ⑨ Subtraction of the hundreds.  
 Ang pagbabawas ng hundreds.



Solve Problems 6 and 7 in page 118.  
 Gawin ang Problem 6 at 7 sa page 118.

4

①

$$\begin{array}{r} 9 \\ 0 \quad 1 \quad 0 \quad 1 \quad 2 \\ 1002 \\ -47 \\ \hline 5 \end{array}$$

↑ ↑  
9-4 12-7

②

$$\begin{array}{r} 9 \\ 0 \quad 1 \quad 0 \quad 1 \quad 7 \\ 107 \\ -78 \\ \hline \end{array}$$

③

$$\begin{array}{r} 1 \quad 0 \quad 1 \\ -92 \\ \hline \end{array}$$

5

①

$$\begin{array}{r} 9 \\ 6 \quad 1 \quad 0 \quad 1 \quad 4 \\ 704 \\ -306 \\ \hline 398 \end{array}$$

↑ 9-0  
6-3 →     ← 14-6

②

$$\begin{array}{r} 9 \\ 5 \quad 1 \quad 0 \quad 1 \quad 7 \\ 607 \\ -208 \\ \hline \end{array}$$

③

$$\begin{array}{r} 8 \quad 0 \quad 8 \\ -609 \\ \hline \end{array}$$

6

①

$$\begin{array}{r} 9 \\ 3 \quad 1 \quad 0 \quad 1 \quad 0 \\ 400 \\ -276 \\ \hline 124 \end{array}$$

↑ 9-7  
3-2 →     ← 10-6

②

$$\begin{array}{r} 9 \\ 4 \quad 1 \quad 0 \quad 1 \quad 0 \\ 500 \\ -308 \\ \hline \end{array}$$

③

$$\begin{array}{r} 6 \quad 0 \quad 0 \\ -58 \\ \hline \end{array}$$

7

100えんもっています。7えんつかいました。  
 Hyakuen motteimasu. Nanaen tsukaimashita.  
 いくらのこっていますか。  
 Ikura nokotteimasuka.

4

①

$$\begin{array}{r} 9 \\ 0 \quad 1 \quad 0 \quad 1 \quad 2 \\ 102 \\ -47 \\ \hline 5 \end{array}$$

↑ ↑  
9-4 12-7

②

$$\begin{array}{r} 9 \\ 0 \quad 1 \quad 0 \quad 1 \quad 7 \\ 107 \\ -78 \\ \hline \end{array}$$

③

$$\begin{array}{r} 1 \quad 0 \quad 1 \\ -92 \\ \hline \end{array}$$

5

①

$$\begin{array}{r} 9 \\ 6 \quad 1 \quad 0 \quad 1 \quad 4 \\ 704 \\ -306 \\ \hline 398 \end{array}$$

↑ 9-0  
6-3 →     ← 14-6

②

$$\begin{array}{r} 9 \\ 5 \quad 1 \quad 0 \quad 1 \quad 7 \\ 607 \\ -208 \\ \hline \end{array}$$

③

$$\begin{array}{r} 8 \quad 0 \quad 8 \\ -609 \\ \hline \end{array}$$

6

①

$$\begin{array}{r} 9 \\ 3 \quad 1 \quad 0 \quad 1 \quad 0 \\ 400 \\ -276 \\ \hline 124 \end{array}$$

↑ 9-7  
3-2 →     ← 10-6

②

$$\begin{array}{r} 9 \\ 4 \quad 1 \quad 0 \quad 1 \quad 0 \\ 500 \\ -308 \\ \hline \end{array}$$

③

$$\begin{array}{r} 6 \quad 0 \quad 0 \\ -58 \\ \hline \end{array}$$

7

If there's 100 yen and 7 yen was spent, how much is left?  
 Kung mayroong 100 yen at ginastos ang 7 yen, magkano ang natitira?