



Math Virtual Learning

3rd Grade

April 10, 2020



3rd Grade Math

Lesson: April 9, 2020

Learning Target: I can solve word problems using base ten numerals, number names, and expanded form.

Background: This is a review lesson from 3rd grade first quarter

- Students learn to identify numbers to the nearest 10,000 in second grade.
- Students learn to identify numbers to the nearest 100,000 in 3rd grade.

Let's Get Started:

We are now going to put our learning into action with word problems.

Click here to review word problems.

6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

Practice #1: A number has 5 tens and 2 more ones than tens. What is the number?

Don't forget to use me!

6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

Ask yourself,
is my answer
reasonable?

Rewrite the question as a statement.

If you need a model
you can use place
value discs. Click the
link.

	Hundreds	Tens	Ones
100			
10			
1			
Reset			

Practice #2: A number has 6 tens and the same number of ones as tens. What is the number?

Don't forget to use me!

6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

Ask yourself,
is my answer
reasonable?

Rewrite the question as a statement.

If you need a model
you can use place
value discs. Click the
link.

	Hundreds	Tens	Ones
100			
10			
1			
Reset			

Practice #3: A 4-digit number has a 6 in the thousands place, a 9 in the ones place and 0s elsewhere. What is the number?

Don't forget to use me!

**Ask yourself,
is my answer
reasonable?**

6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

Rewrite the question as a statement.

**If you need a model
you can use place
value discs. Click the
link.**

	Hundreds	Tens	Ones
100			
10			
1			
Reset			

Practice on your own:

Now lets try solving place value word problems!

6-Step Word Problem Framework

1. Read the entire problem.
2. Rewrite the question as a statement.
3. Who or what is the problem about?
4. Draw your model
5. Solve your equation(s).
6. Check your answer.

Gavin made a number and expanded it to show $500 + 80 + 2$. What number did Gavin make? Draw a model to show his number.

.....

What number is the same as 4 hundreds, 7 tens, and 13 ones? Prove it,

.....

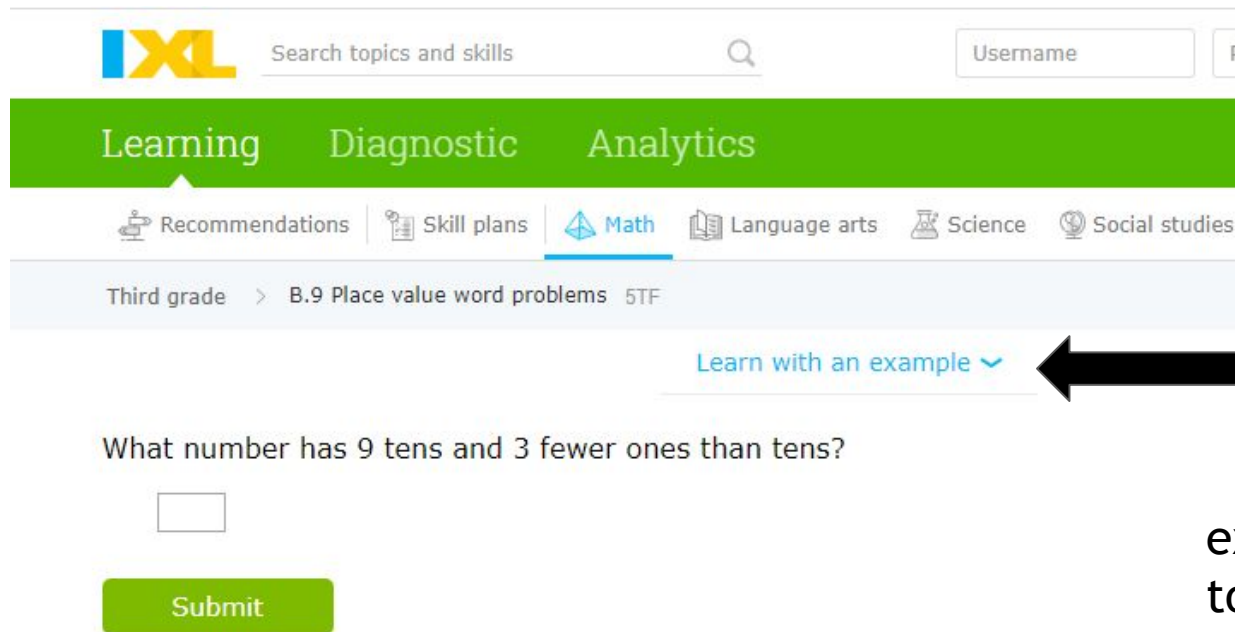
India showed the number 372, Emma showed a number that had 1 hundred and 1 ten more than India's number. What number did Emma show? Explain how you know,

.....

David made a number using 3 hundreds, 18 tens, and 2 ones. Ramon made a number using 3 hundreds, 18 ones, and 2 tens. Did David and Ramon make the same number? Explain,

.....

MORE Practice on your own:
Go to this website: [IXL](https://www.ixl.com)



The screenshot shows the IXL website interface. At the top, there is a search bar with the text "Search topics and skills" and a magnifying glass icon. To the right of the search bar is a "Username" input field. Below the search bar is a green navigation bar with the words "Learning", "Diagnostic", and "Analytics". Underneath the navigation bar is a row of icons and labels: "Recommendations", "Skill plans", "Math" (which is highlighted with a blue underline), "Language arts", "Science", and "Social studies". Below this row is a light blue breadcrumb trail that reads "Third grade > B.9 Place value word problems 5TF". Under the breadcrumb trail is a link that says "Learn with an example" with a downward-pointing chevron icon. A large black arrow points from the right side of the image towards this link. Below the link is a word problem: "What number has 9 tens and 3 fewer ones than tens?". Under the problem is a small empty square box for the answer. At the bottom left is a green "Submit" button.

IXL Search topics and skills Username F

Learning Diagnostic Analytics

Recommendations Skill plans Math Language arts Science Social studies

Third grade > B.9 Place value word problems 5TF

[Learn with an example](#) ▼

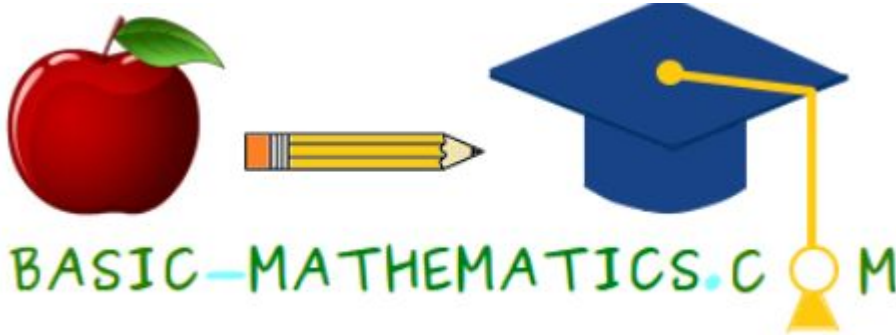
What number has 9 tens and 3 fewer ones than tens?

Submit

Click learn with an example on the website to get extra help on the word problems.

Practice:

More practice word problems!



Click here to open
worksheet.



Self Check:

Go tell someone in your home your answers.



1. Was this lesson?

- ☐ easy,
- ☐ just right
- ☐ hard

2. Try to write your own word problem and see if someone from home can solve it.