Classwork 4-29-2020

Today we will learn how multiplying by 10 and 100 work on the place value chart.

Lesson Plans: 4/29/2020

Where To Find Your Work: https://lynncronin.weebly.com

Learning Objectives: Today we will learn how multiplying by 10 and 100 work on the place value chart.

Learning Activities: PowerPoint, Quizlet, First-In-Math

How I will see/check your work: please email or text me your answers and tell me how you are doing

How We Communicate: lcronin@wtps.org / 856-857-7707

Grade 3 - MA.3.NBT.A, MA.3.NBT.A.1, MA.3.NBT.A.2, MA.3.NBT.A.3, MA.3.NF.A

Multiply this number by 10

Seriously – don't do it the hard way – use Plop!

9 x 10 = the original number 9 with a zero plopped onto the end!

90

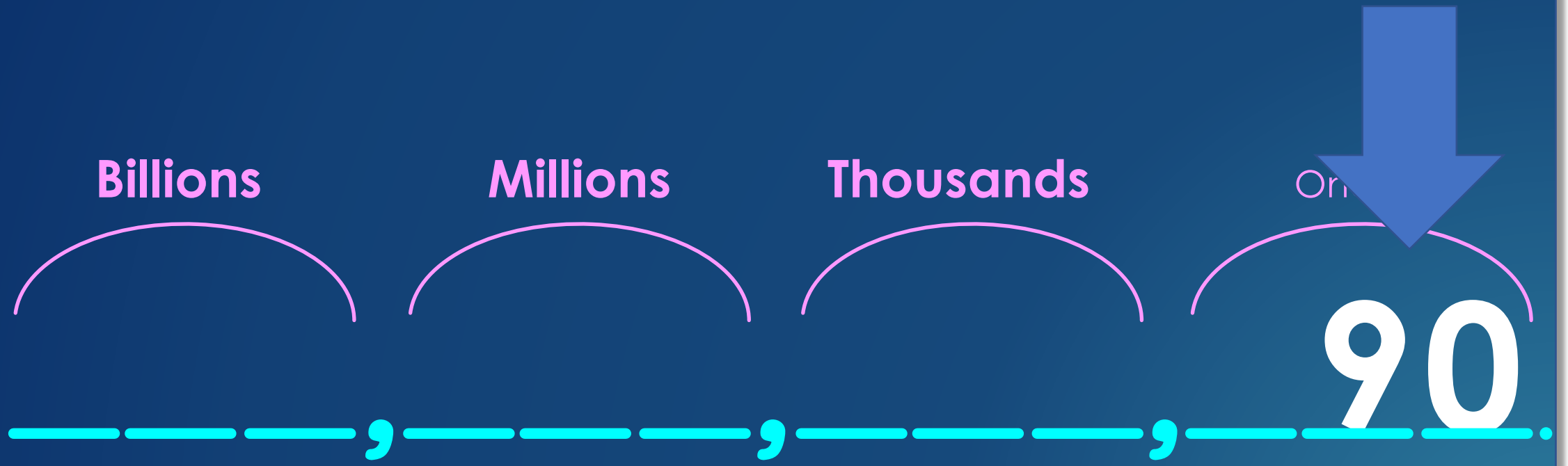
Original number 9

Plop the zero in!

Billions	Millions	Thousands	Ones
			90

Did you see it? The number nine became 90.

And it moved a place value!



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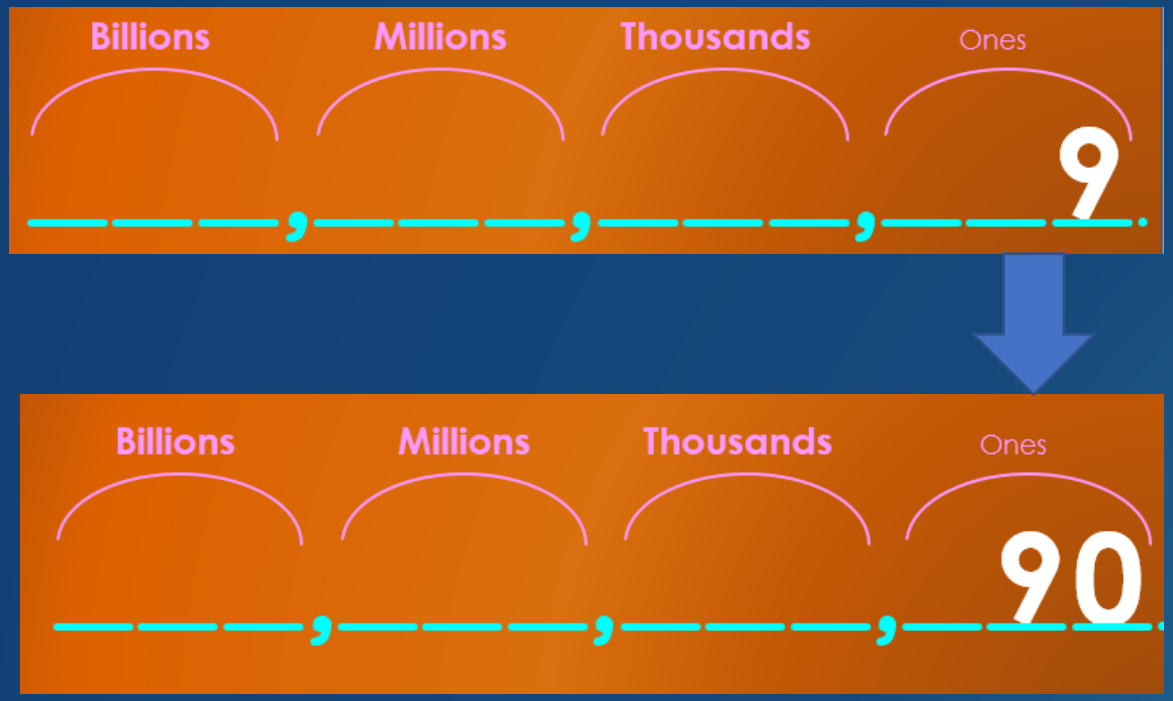
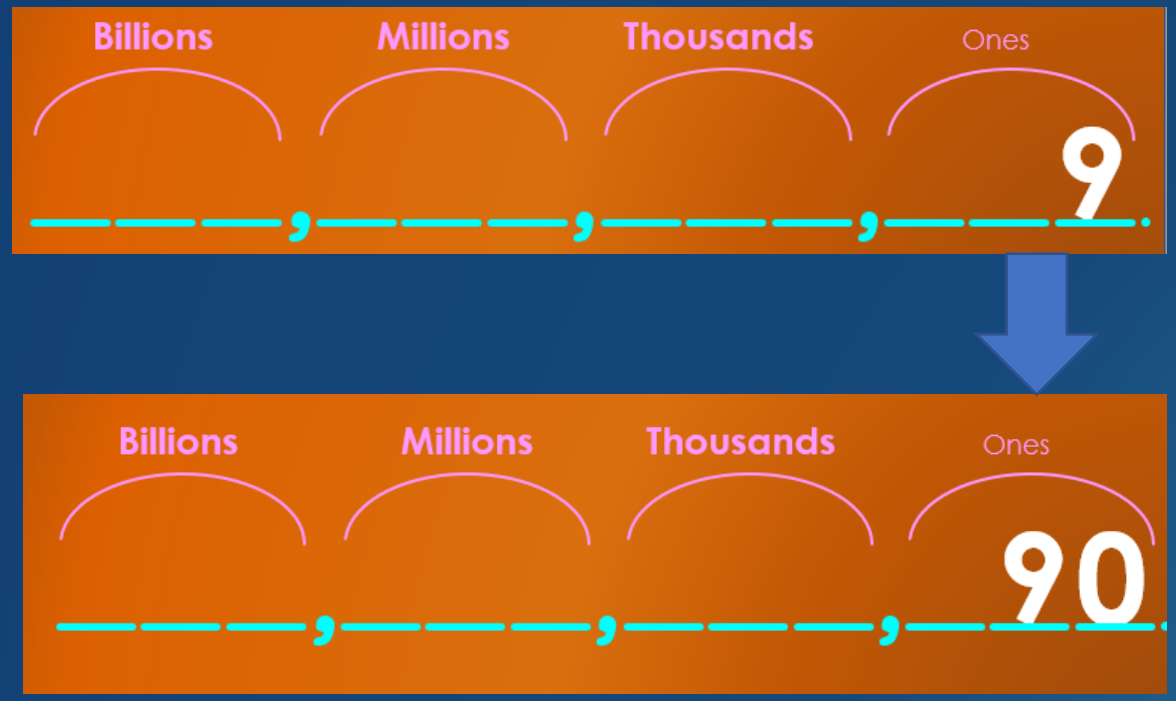


Whenever you multiply by 10 you move the number one to the left and fill in with zeros!

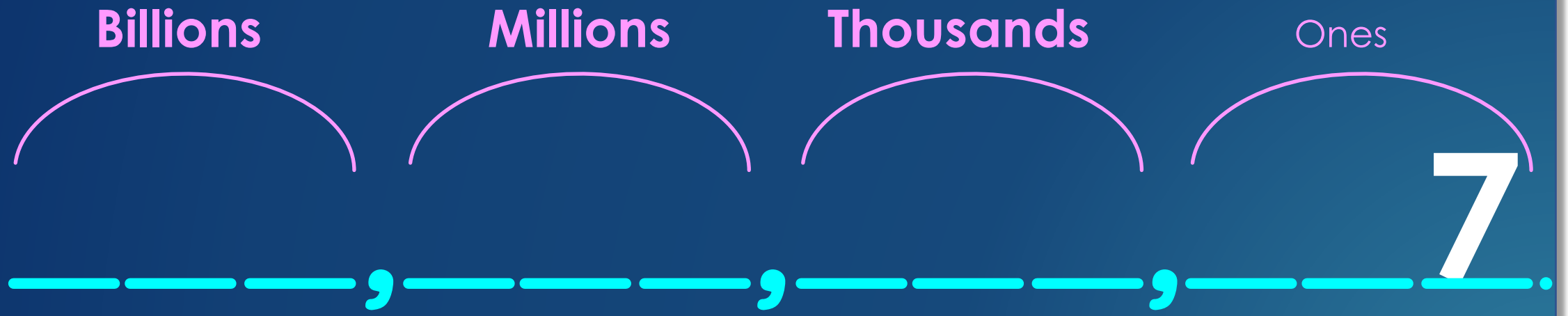


Try one yourself!

Multiply 7 x 10

Plop tells me that 7 x 10 = 70

Remember – the original number moves one place value to the left.



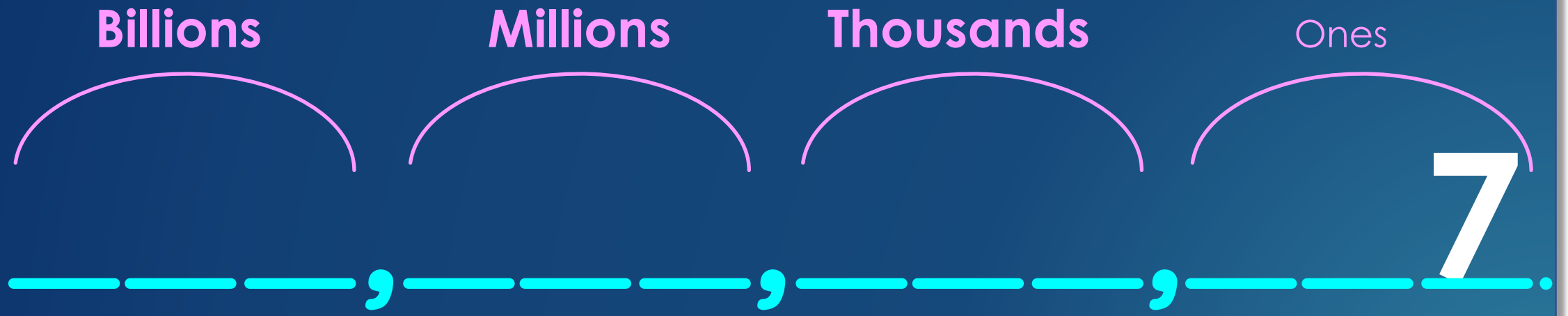
Yup!

The 7 moved one place value left – and you filled with a zero!

What if I wanted to multiply 7 times 100

How many place values will the original number move?

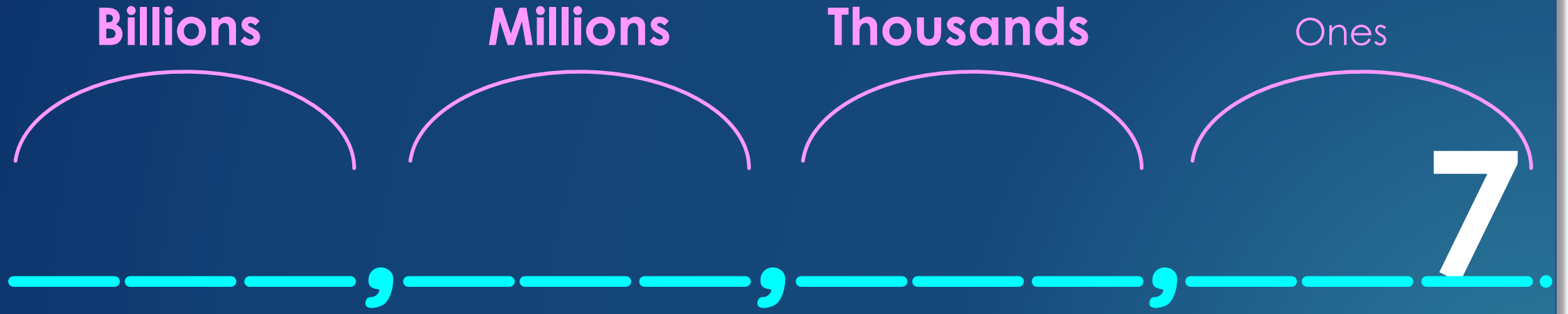
7 x 100 = ?



7 x 100 = ?

What if I wanted to multiply 7 times 100

100 has 2 zeros so write the original number
and "plop" 2 zeros onto the end.



7 x 100 = ?

What if I wanted to multiply 7 times 100

100 has 2 zeros so write the original number and "plop" 2 zeros onto the end.

7 x 100 = ?

How will this one work?

345 x 10 = ?

What is the original number? How many zeros should you add?

345 x 10 = ?

How will this one work?

345 x 10 = ?

We wrote the original number (345) then added 1 zero.

Billions	Millions	Thousands	Ones
		3	450

345 x 10 = ?

Try this

32,468 x 10 = ?

What is the original number? How many zeros should you add?

32,468 x 10 = ?

Try this

8,984 x 100 = ?

What is the original number? How many zeros should you add?

8,984 x 100 = ?

Try this

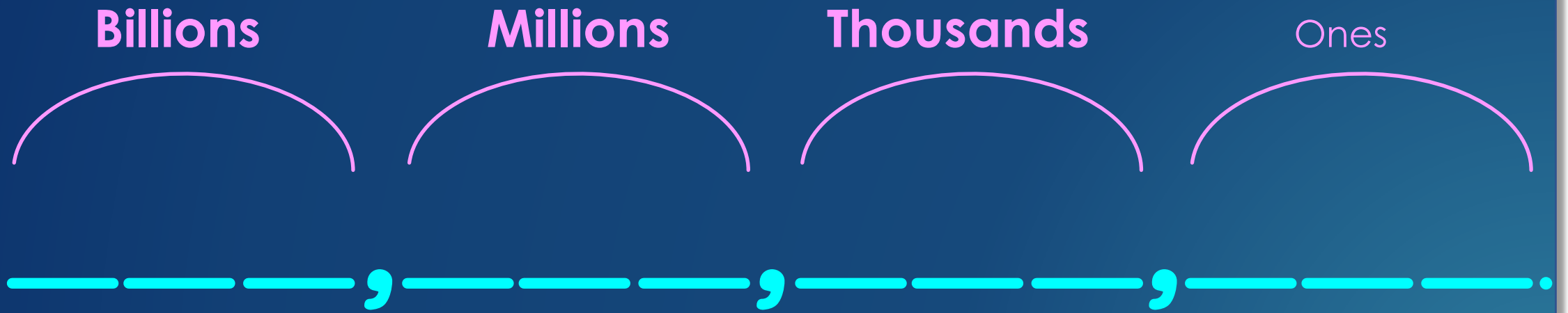
8,984 x 100 = ?

What is the original number? How many zeros should you add?

Billions	Millions	Thousands	Ones
___ ,	___ ,	898 ,	400 .

8,984 x 100 = ?

Answer the next 5 questions and send me the answers.



1. 12 x 10 =

2. 543 x 1<u>00</u> =

3. 923 x 10 =

4. 583, 923 x 100 =

Billions	Millions	Thousands	Ones
___ ,	___ ,	583 ,	923 .

5. 4,658 x 10 =

Quizlet:

https://quizlet.com/503636153/week-of-4-27-flash-cards/

Then spend 10 minutes on First-In-Math