Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

$5 \times \frac{1}{10}$

What happened? (If there was a pattern, what was it?)

The pattern was that after 5 their were decimals and with on top of 5 there is integers.

What do you think would happen if you multiplied your number by 1,000,000?

The zeros will go 6 to the right.

What do you think would happen if you multiplied your number by 0.00001?

The 4 zeros will go to the left and then a decimal will go before the first zero. Before decimal will be a zero.

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	500

What happened? (If there was a pattern, what was it?)

It was the opposite of the last pattern. This time on top of 5, zeros went to the left. After 5, zeros went to the right.

What do you think would happen if you multiplied your number by 1,000,000?

The 6 zeros will go to left with a decimal.

What do you think would happen if you multiplied your number by 0.00001?

It would go 5 zeros to the right and make an integers.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

How did you figure out your answers?

When you multiply decimals it goes zeros to the left based on the 2nd factor. When you divide with decimals the zeros go to the right.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why ?

Yes, because my answers matched and my strategy worked to solve the problems.

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The zeros were growing and it went by 5's.

What do you think would happen if you multiplied your number by 1,000,000?

Then it would equal 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

Then the answer would be 0.00005

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

The zeros got smaller then got bigger.

What do you think would happen if you multiplied your number by 1,000,000?

It would be 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

It would be 0.00005

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

How did you figure out your answers?

In part one and two had a pattern.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why?

They are right because I had seen a pattern.

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.01
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

That all the numbers have a 0 and a 1 and five in it.

What do you think would happen if you multiplied your number by 1,000,000?

I think it will get confusing.

What do you think would happen if you multiplied your number by 0.00001?

I think you might not Know how to figure it out.

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

The pattern that I see is part 1 has the forward numbers and part 2 does the numbers backwards.

What do you think would happen if you multiplied your number by 1,000,000?

You might get the answer if it's divison.

What do you think would happen if you multiplied your number by 0.00001?

You can get confused and get it wrong but You can learn it.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.01
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

How did you figure out your answers?

How I figured it out was I seen a pattern in part1 and part2.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.01
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why ?

I think they were because I checked my answers after

Part 1

Starting with 5	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
#. × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The Pattern was because the 5 x 1000 = 5,000 because i changed the 1,000 and got the 1 and changed it into a .5 so it was 5,000

What do you think would happen if you multiplied your number by 1,000,000?

I will get 5,000,000 because change the 1 to 5 and see the pattern

What do you think would happen if you multiplied your number by 0.00001?

I will get 0.00005 again because the pattern and change the number

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5,000

What happened? (If there was a pattern, what was it?)

there was a Pattern and it was all just like the other one but back wards, And Part 1 goes bigger to small and the other one is smaller to bigger

What do you think would happen if you multiplied your number by 1,000,000?

i do 7,000,000 cause it is multiply

What do you think would happen if you ~~multiplied~~ your number by 0.00001?
Divied

it will be 0.00005

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7 ?
# ÷ 1 =	7 7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000 7

How did you figure out your answers?

by doing it backwards
like the other one,
but divided it.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why ?

I got them right because
it did and saw a pattern
and kept following it

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
#. × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

You kept taking away a zero then add.

What do you think would happen if you multiplied your number by 1,000,000?

I would equal 5,000,000.

What do you think would happen if you multiplied your number by 0.00001?

I think because of the pattern it will equal 0.00005

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

It goes smaller than higher.

What do you think would happen if you multiplied your number by 1,000,000?

A decimal of one millionth

What do you think would happen if you multiplied your number by 0.00001?

It might make a whole.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.7
# ÷ 100 =	0.07
# ÷ 10 =	0.007
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

I looked at the pattern from the other side and tried to get the answer right.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why ?

Only 3 were wrong
I of them differently.

Part 1

Starting with **5**	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	00.5
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The pattern was the Sam amount of zeros as the second factor.

What do you think would happen if you multiplied your number by 1,000,000?

The answer will 5,000,000.

What do you think would happen if you multiplied your number by 0.00001?

It will be 0.00001

Part 2

Starting with **5**	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5,000

What happened? (If there was a pattern, what was it?)

It is the oppiset like the first answer in part was 5,000 in part 2 it starded in the bottom.

What do you think would happen if you multiplied your number by 1,000,000?

The answer is 0.000005.

What do you think would happen if you multiplied your number by 0.00001?

It will be 5,000,000

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	7,00
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0,007
# × 0.001 =	0,007
# ÷ 1000 =	0.007
# ÷ 100 =	0,07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

I knew the pattern from part 1 and 2.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0,07
# × 0.001 =	0,007
# ÷ 1000 =	0,007
# ÷ 100 =	0,07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

Were your predictions correct? Why?

How I got my answers correct because I remembered the pattern.

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The zero's were taken away. If there was a Patern it will be talcing all the zeros and then adding them.

What do you think would happen if you multiplied your number by 1,000,000?

It will be 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

It will be 0.00005

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50.
# ÷ 0.01 =	500.
# ÷ 0.001 =	5000.

What happened? (If there was a pattern, what was it?)

The zeoo's were taken away and then put back.

What do you think would happen if you multiplied your number by 1,000,000?

It will be 0.000,0005

What do you think would happen if you multiplied your number by 0.00001?

500000.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × ⌴	0.07
# × 0.001 =	0.007
# ÷ 100	0.007
# ⌴ ⌴0 =	0.07
# ÷ 1⌴	0.7
# ÷	7
# ÷ 0	70.
# ÷ 0.0 ⌴	700.
# ÷ 0.001 =	7000.

How did you figure out your answers?

I figured that if the ones on the back had the same operation so I thought it might be correct,

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why?

My predictions were correct because I looked at the ones on the front and just changed the five

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	5

What happened? (If there was a pattern, what was it?)

adding zero and then adding five that the pattern.

What do you think would happen if you multiplied your number by 1,000,000?

five would be 5,000,000 that what it would be.

What do you think would happen if you multiplied your number by 0.00001?

by five would be 0.00005 that what it would be

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	0.05
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

adding zero and then it add five that would be the pattern

What do you think would happen if you multiplied your number by 1,000,000?

five would be 5,000,000 that what it would be.

What do you think would happen if you multiplied your number by 0.00001?

adding five would be 0.00001 that the answer.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

How did you figure out your answers?

by the Pattern that
here I got my answers

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why ?

I predictions that my
is correct because I
here I Crelly made
my that yt correct.

Part 1

Starting with 5	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

It was 5,000, 500, 50, 5, and then I noticed that The decimals standed For the same thing.

What do you think would happen if you multiplied your number by 1,000,000?

It will be 5,000,000.

What do you think would happen if you multiplied your number by 0.00001?

It will be 0.00005

Part 2

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5,000

What happened? (If there was a pattern, what was it?)

It was The same as The other Side epcept backwan down up.

What do you think would happen if you multiplied your number by 1,000,000?

It will be 0.000005

What do you think would happen if you multiplied your number by 0.00001?

It will be 500,000

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

I noticed The answers were the same on the back and Just had to switch the five into a 7. And mr. smoke taught me how

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

Were your predictions correct? Why ?

Yes they were because The desimals if you take the zeros out and divide or multipl you get in this point the numbe is 7 so its 7

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

Its going down by the zeros.

What do you think would happen if you multiply your number by 1,000,000?

I think that the answer will be 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

I think it would be 0.00005.

Part 2

Starting with 5	
# ÷ 1000 =	500
# ÷ 100 =	50
# ÷ 10 =	5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

The pattern is that it is going down but then up.

What do you think would happen if you multiplied your number by 1,000,000?

I think that the answer would be 500,000.

What do you think would happen if you multiplied your number by 0.00001?

I think it would be 500,000.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	7700
# ÷ 100 =	70
# ÷ 10 =	7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

I did a pattern to understand my questions.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	07
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	700
# ÷ 100 =	70
# ÷ 10 =	7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7000

Were your predictions correct? Why?

Yes because if the calculator was right, my patterns were correct.

Part 1

Starting with 5	
# × 1000 =	5060
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

all numbers waeld be starting off with 5 on each answers

What do you think would happen if you multiplied your number by 1,000,000?

It would be 5,000,000 or any number would multiple.

What do you think would happen if you multiplied your number by 0.00001?

It would be around zero.

Part 2

Starting with 5	
# ÷ 1000 =	5000
# ÷ 100 =	500
# ÷ 10 =	50
# ÷ 1 =	5
# ÷ 0.1 =	50.
# ÷ 0.01 =	500.
# ÷ 0.001 =	5.000.

What happened? (If there was a pattern, what was it?)
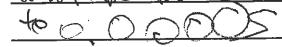
all divsions would start at 5 and zeros but not the ÷ to 5 on one number

What do you think would happen if you multiplied your number by 1,000,000?

would be 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

Would be the answer to 0.00005

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70.
# ÷ 0.01 =	700.
# ÷ 0.001 =	70000.

How did you figure out your answers?

i Used the problems back wards to see my answers.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7.
# ÷ 0.1 =	70.
# ÷ 0.01 =	700.
# ÷ 0.001 =	70000.

Were your predictions correct? Why ?

Yes because its a pattern on each answer of the word problem.

Part 1

Starting with **5**	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The pattern is, the first numbers are _____ _____ five

What do you think would happen if you multiplied your number by 1,000,000?

What do you think would happen if you multiplied your number by 0.00001?

Part 2

Starting with **5**	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5,000

What happened? (If there was a pattern, what was it?)

What do you think would happen if you multiplied your number by 1,000,000?

What do you think would happen if you multiplied your number by 0.00001?

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	10
# × 1 =	7
# × 0.1 =	0.07
# × 0.01 =	
# × 0.001 =	
# ÷ 1000 =	
# ÷ 100 =	
# ÷ 10 =	
# ÷ 1 =	
# ÷ 0.1 =	
# ÷ 0.01 =	
# ÷ 0.001 =	

How did you figure out your answers?

_____

_____

_____

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	
# × 100 =	
# × 10 =	
# × 1 =	
# × 0.1 =	
# × 0.01 =	
# × 0.001 =	
# ÷ 1000 =	
# ÷ 100 =	
# ÷ 10 =	
# ÷ 1 =	
# ÷ 0.1 =	
# ÷ 0.01 =	
# ÷ 0.001 =	

Were your predictions correct? Why ?

_____

_____

_____

Part 1

Starting with **5**	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The pattern will be a number and it will be big and then it will get smaller

What do you think would happen if you multiplied your number by 1,000,000?

it will be 5,000,000.

What do you think would happen if you multiplied your number by 0.00001?

it would be 0.00005.

Part 2

Starting with **5**	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5000

What happened? (If there was a pattern, what was it?)

Smalles to greatest if the pattern was division

What do you think would happen if you multiplied your number by 1,000,000?

it will be 0.000005.

What do you think would happen if you multiplied your number by 0.00001?

it will be 500000.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

because 7 ÷ 1000 = 0.007
0.007 = 7,000 etc.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	
# × 100 =	
# × 10 =	
# × 1 =	
# × 0.1 =	
# × 0.01 =	
# × 0.001 =	
# ÷ 1000 =	
# ÷ 100 =	
# ÷ 10 =	
# ÷ 1 =	
# ÷ 0.1 =	
# ÷ 0.01 =	
# ÷ 0.001 =	

Were your predictions correct? Why ?

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	.05
# × 0.001 =	0.0005

What happened? (If there was a pattern, what was it?)

Its going by 5's.

What do you think would happen if you multiplied your number by 1,000,000?

5,000,000.

What do you think would happen if you multiplied your number by 0.00001?

0.00005

Part 2

Starting with 5	
# ÷ 1000 =	5,000
# ÷ 100 =	500
# ÷ 10 =	50
# ÷ 1 =	5
# ÷ 0.1 =	0.5
# ÷ 0.01 =	0.05
# ÷ 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The numbers greatest to least

What do you think would happen if you multiplied your number by 1,000,000?

The same as first

What do you think would happen if you multiplied your number by 0.00001?

0.00005

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	
# ÷ 100 =	
# ÷ 10 =	
# ÷ 1 =	
# ÷ 0.1 =	
# ÷ 0.01 =	
# ÷ 0.001 =	

How did you figure out your answers?

_____

_____

_____

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	
# × 100 =	
# × 10 =	
# × 1 =	
# × 0.1 =	
# × 0.01 =	
# × 0.001 =	
# ÷ 1000 =	
# ÷ 100 =	
# ÷ 10 =	
# ÷ 1 =	
# ÷ 0.1 =	
# ÷ 0.01 =	
# ÷ 0.001 =	

Were your predictions correct? Why ?

_____

_____

_____

Part 1

Starting with 5	
# × 1000 =	5000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

The pattern I saw was that anwers are adding more zero's and on the bottom the only thing that is different is that the anwers are backwards if you take alway the dot it will be phe same as the other ones

What do you think would happen if you multiplied your number by 1,000,000?

the anwer well be bigger it will be 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

the anuwer would be 0.00005 your taking alway the one from it.

Part 2

Starting with 5	
# ÷ 1000 =	5000
# ÷ 100 =	500
# ÷ 10 =	50
# ÷ 1 =	5
# ÷ 0.1 =	0.5
# ÷ 0.01 =	0.05
# ÷ 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

the pattern is bigger to smaller.

What do you think would happen if you multiplied your number by 1,000,000?

the answer get bigger 5,000,000

What do you think would happen if you multiplied your number by 0.00001?

the answer gets smaller. 0.00005

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	7000
# ÷ 100 =	700
# ÷ 10 =	70
# ÷ 1 =	7
# ÷ 0.1 =	0.7
# ÷ 0.01 =	0.07
# ÷ 0.001 =	0.007

How did you figure out your answers?

How I got the answer is by taking away the 1

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	7000
# ÷ 100 =	700
# ÷ 10 =	70
# ÷ 1 =	7
# ÷ 0.1 =	0.7
# ÷ 0.01 =	0.07
# ÷ 0.001 =	0.007

Were your predictions correct? Why?

It was correct because I checked if my answer was correct or wrong

Part 1

Starting with 5	
# × 1000 =	5,000
# × 100 =	500
# × 10 =	50
# × 1 =	5
# × 0.1 =	0.5
# × 0.01 =	0.05
# × 0.001 =	0.005

What happened? (If there was a pattern, what was it?)

First you take away 0's then you add 0's.

What do you think would happen if you multiplied your number by 1,000,000?

I think the pattern won't make sense.

What do you think would happen if you multiplied your number by 0.00001?

I think the pattern won't make sense.

Part 2

4-21-16

Starting with 5	
# ÷ 1000 =	0.005
# ÷ 100 =	0.05
# ÷ 10 =	0.5
# ÷ 1 =	5
# ÷ 0.1 =	50
# ÷ 0.01 =	500
# ÷ 0.001 =	5,000

What happened? (If there was a pattern, what was it?)

First you take away 0's then you add 0's.

What do you think would happen if you multiplied your number by 1,000,000?
divided

The pattern won't make sense.

What do you think would happen if you multiplied your number by 0.00001?

The pattern won't make sense.

Part 3 – Predict the products and quotients (NO calculators)

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

How did you figure out your answers?

I used the back to help me and it gave me some clues.

Part 3 – Use calculators to check your predictions

Starting with 7	
# × 1000 =	7,000
# × 100 =	700
# × 10 =	70
# × 1 =	7
# × 0.1 =	0.7
# × 0.01 =	0.07
# × 0.001 =	0.007
# ÷ 1000 =	0.007
# ÷ 100 =	0.07
# ÷ 10 =	0.7
# ÷ 1 =	7
# ÷ 0.1 =	70
# ÷ 0.01 =	700
# ÷ 0.001 =	7,000

Were your predictions correct? Why ?

Yes because I used the back to help me and it did, it actually gave me clues.