Nam _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ because I knew this mehtally
50 ÷ 10 =	5	5	☆ because I knew this mentally
7000 ÷ 10 =	700	700	☆ because I know this mentally
4 ÷ 10 =	0.4	0.4	☆ because you have put in tenths
3 ÷ 100 =	0.03	0.03	☆ because you have to put in hundredths
1 ÷ 1000 =	0.001	0.001	☆ because you replace 1 at end
9 ÷ 0.1 =	0.9	90	? I thought this was multiplication
7 ÷ 0.01 =	0.7	700	
0.8 ÷ 10	0.08	0.08	☆ two zeros - hundredths place
0.02 ÷ 100	0.002	0.002	☆ four zeros - thousandths place

What did you do to help yourself solve these problems mentally? I thought of the zeros and the work we did in class. Also I found a few methods which worked for a few of these problems

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ because I see that a lot.
50 ÷ 10 =	5	5	☆ because Right when I now it.
7000 ÷ 10 =	700	700	☆ because I think I a patten. found
4 ÷ 10 =	0.4	0.4	☆ that we d yestreday. because look someting
3 ÷ 100 =	0.03	0.03	☆ because I thougt it ezzy, ting to do.
1 ÷ 1000 =	0.001	0.001	☆ because Just think about what you did and the pass.
9 ÷ 0.1 =	0.9	90	! It was a suprpring because I thoght it
7 ÷ 0.01 =	700	700	☆ It was ezzy because I sen my pother. do it
0.8 ÷ 10	0.08	0.08	☆
0.02 ÷ 100	200	0.0002	? becawes I thougt it was 200.

What did you do to help yourself solve these problems mentally? _____

_____

_____

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	2000	2000	☆ I was write because that way 2000 2000 ÷ 10 = 2000 stay because of the ten
50 ÷ 10 =	50	5	! same because if you do this: 50 ÷ 10 = 5 talk away 0 and it make (5)
7000 ÷ 10 =	7000	700	!
4 ÷ 10 =	0.4	0.4	☆
3 ÷ 100 =	0.03	0.03	☆
1 ÷ 1000 =	0.001	0.001	☆
9 ÷ 0.1 =	90	90	☆
7 ÷ 0.01 =	700	700	☆
0.8 ÷ 10	80	0.08	!
0.02 ÷ 100	0.002	0.0002	!

What did you do to help yourself solve these problems mentally? _____

_____

_____

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	☆
4 ÷ 10 =	$0.4 = \frac{4}{10}$	0.4	☆
3 ÷ 100 =	$0.03 = \frac{3}{100}$	0.03	☆
1 ÷ 1000 =	$0.001 = \frac{1}{1000}$	0.001	☆
9 ÷ 0.1 =	10	90	?!
7 ÷ 0.01 =	700	700	?
0.8 ÷ 10	$\frac{8}{100} = 0.08$	0.08	!?
0.02 ÷ 100	2	0.0002	!?

What did you do to help yourself solve these problems mentally? We figured out a pattern and it is that everytime the divisor is smaller than the dividant the answer would be a fraction.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ I used a method.
50 ÷ 10 =	5	5	☆ I used a method.
7000 ÷ 10 =	700	700	☆ I used a method.
4 ÷ 10 =	0.4	0.4	☆ I used a method.
3 ÷ 100 =	0.03	0.03	☆ I used a method.
1 ÷ 1000 =	0.001	0.001	☆ I used a method.
9 ÷ 0.1 =	90	90	☆ I timed the numbers but not the dot because I'm ÷ by a hole number
7 ÷ 0.01 =	700	700	☆ I times the numbers but I didn't put the dot because I'm ÷ by a hole.
0.8 ÷ 10	0.08	0.08	☆ I timesed the two numbers and added the zero's
0.02 ÷ 100	0.0002	0.0002	☆ I think this is easy because I times the 2 numbers then I add the zeros

What did you do to help yourself solve these problems mentally? I was multiply the whole numbers then I added the zero and the dot, and the whole ÷ desimals will not need the dot. Just add the zeros

Name _____

$1\overline{)1000}$ $3\overline{)100}$ 9

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ I think it is easy because I ~~know~~ 200x10=2,000
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	☆
4 ÷ 10 =	0.4	0.4	☆
3 ÷ 100 =	0.03	0.03	☆
1 ÷ 1000 =	0.0001	0.001	☆
9 ÷ 0.1 =	90	90	☆
7 ÷ 0.01 =	700	700	☆
0.8 ÷ 10	100	0.08	?
0.02 ÷ 100	1,000	0.0002	☆

What did you do to help yourself solve these problems mentally? I used my fingers.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	I think ☆ because I knew it already
50 ÷ 10 =	5	5	I think ☆ because it was a fact for me
7000 ÷ 10 =	700	700	I think ? because I didn't understand what Adam said
4 ÷ 10 =	0.4	0.4	I think ☆ because I knew it
3 ÷ 100 =	0.03	0.03	I think ☆ because I knew
1 ÷ 1000 =	0.001	0.001	I think A because I knew
9 ÷ 0.1 =	90	90	I think ☆ because I knew
7 ÷ 0.01 =	700	700	I think ☆ because I knew
0.8 ÷ 10	0.08	0.08	I think ☆ because I knew
0.02 ÷ 100	0.0002	0.0002	I think ☆ because I knew

What did you do to help yourself solve these problems mentally? I studied my math facts at home.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ This was easy because I did inverse operation.
50 ÷ 10 =	5	5	☆ I did it 5x10=50
7000 ÷ 10 =	706	700	☆ I did
4 ÷ 10 =	$\frac{4}{10}$ = 0.4	0.4	☆
3 ÷ 100 =	$\frac{3}{100}$ = 0.03	0.03	☆
1 ÷ 1000 =	$\frac{1}{1000}$ = 0.001	0.001	☆
9 ÷ 0.1 =	90	90	☆
7 ÷ 0.01 =	700	700	☆
0.8 ÷ 10	0.08	0.08	☆
0.02 ÷ 100	0.002	0.0002	☆

What did you do to help yourself solve these problems mentally? I thought of it with the answer. and the pattern from yesterdays

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	20	200	!
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	!
4 ÷ 10 =	$\frac{4}{10}$	0.4	?
3 ÷ 100 =	$\frac{3}{100}$	-0.03	♡ I think that it's the same.
1 ÷ 1000 =	1000	0.001	
9 ÷ 0.1 =	0.9	90	
7 ÷ 0.01 =	0.07	700	!
0.8 ÷ 10	80	8.0	!
0.02 ÷ 100	200	0.0002	!

What did you do to help yourself solve these problems mentally? I think that when I got a problem wrong I could fix it right by putting the answer back words.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	2000	200	!
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	☆
4 ÷ 10 =	0.4	0.4	☆
3 ÷ 100 =	$\frac{3}{100}$	0.03	?
1 ÷ 1000 =	0.001	0.001	☆
9 ÷ 0.1 =	0.9	0.9	!
7 ÷ 0.01 =	0.07	100	?
0.8 ÷ 10	0.08	0.08	!
0.02 ÷ 100	0.01	0.0002	?

What did you do to help yourself solve these problems mentally? I talked and discuseed All of the problems with my partner.

Name

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ because you just take off the zeros away From 2,000
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	☆
4 ÷ 10 =	0.4	0.4	☆
3 ÷ 100 =	0.03	0.03	☆
1 ÷ 1000 =	0.001	0.001	☆
9 ÷ 0.1 =	90	90	☆
7 ÷ 0.01 =	700	700	☆
0.8 ÷ 10	80	80	☆ IF you switch The 0.8
0.02 ÷ 100	0.0002	0.0002	☆ because you just look and times the 2 and 1 and add the zeros and the dot.

What did you do to help yourself solve these problems mentally? I was thinking about The numbers and The

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think…
2000 ÷ 10 =	200	200	
50 ÷ 10 =	5	5	
7000 ÷ 10 =	700	700	
4 ÷ 10 =	4/10	0.4	
3 ÷ 100 =	0.03	0.03	
1 ÷ 1000 =	0.001	0.001	
9 ÷ 0.1 =	9	90	
7 ÷ 0.01 =	70	700	
0.8 ÷ 10	0.08	0.08	
0.02 ÷ 100	0.0002	0.002	

What did you do to help yourself solve these problems mentally? _____

_____

_____

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ it was easy because I thought times.
50 ÷ 10 =	5	5	☆ I thought this was easy because I used multipalcation.
7000 ÷ 10 =	700	706	☆ I thought it was easy because I thought of the multiplying.
4 ÷ 10 =	4/10 0.4	0.4	☆ I thought these both answers because 4/10 and that won't be on a calculator.
3 ÷ 100 =	0.03 3/100	0.03	☆ I thought these answer was easy because it was the same as the last answer.
1 ÷ 1000 =	0.001 1/1,000	0.001	☆ I thought the same answer as the other one but the answer was different.
9 ÷ 0.1 =	90	90	☆ It was the oppiste as the 0.4 answer.
7 ÷ 0.01 =	700	700	☆ I thought this was easy because is the same thing as the last promblem.
0.8 ÷ 10	0.08	0.08	☆ I remember the patterns
0.02 ÷ 100	0.0002	0.0002	☆ I remember the homework patterns.

What did you do to help yourself solve these problems mentally? I was thinking that - is going to be the same thing as the under the promblem until they change the answer. I also remembered the homework and math talks.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 = 200	200		
50 ÷ 10 = 5	5		
7000 ÷ 10 = 700	700		
4 ÷ 10 = $\frac{4}{10}$	$\frac{4}{10}$		
3 ÷ 100 = $\frac{3}{100}$	$\frac{3}{100}$		
1 ÷ 1000 = $\frac{1}{100}$	$\frac{1}{1000}$		
9 ÷ 0.1 = 0.9	0.9		
7 ÷ 0.01 = 0.07	0.07		
0.8 ÷ 10 0.08	0.08		
0.02 ÷ 100 0.0002	0.0002		

What did you do to help yourself solve these problems mentally? _____

_____

_____

Name [redacted]

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆ I think it was easy because I looked at
50 ÷ 10 =	5	5	☆ I think it was easy because I looked at the
7000 ÷ 10 =	700	700	☆ I think it was easy because I looked at the pattern
4 ÷ 10 =	0.4 $\frac{4}{10}$	0.4	☆ I think it was easy because I looked at the pattern
3 ÷ 100 =	0.03 $\frac{3}{100}$	0.03	☆ I think it was easy because I looked at the pattern
1 ÷ 1000 =	0.001 $\frac{1}{1000}$	0.001	☆ I think it was easy because I looked at the pattern
9 ÷ 0.1 =	90	90	☆ I think it was easy because I looked at the pattern
7 ÷ 0.01 =	700	0.01	☆ I think it was easy because I looked at the pattern
0.8 ÷ 10	100	0.08	! I think it was shocking because I thought it was turned
0.02 ÷ 100	2000	0.0002	! I think it was shocking because I thought it was turned

What did you do to help yourself solve these problems mentally? What I did was look at the diviser and took away a zero and got the awnser

Name [redacted]

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆
50 ÷ 10 =	5	5	☆
7000 ÷ 10 =	700	700	☆
4 ÷ 10 =	$\frac{4}{10}$ = 0.4	0.4	?
3 ÷ 100 =	0.03	003	! ☆
1 ÷ 1000 =	0.001	0.001	! ☆
9 ÷ 0.1 =	0.09	90	! ?
7 ÷ 0.01 =	700	700	!
0.8 ÷ 10	$\frac{8}{100}$	0.08	! ☆
0.02 ÷ 100	2	0.0002	! ☆

What did you do to help yourself solve these problems mentally? We discovered that when the divisor is smaller than the dividant, than the quotient, should be a fraction

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	☆because I knew how to do this (little bit)
50 ÷ 10 =	5	5	☆because its a multiplecation facts
7000 ÷ 10 =	700	700	☆because it made sence and I know how to multiply.
4 ÷ 10 =	0.4	0.4	☆because I revieved the work I had done which helped me find it
3 ÷ 100 =	0.30	0.03	! I didn't know because I did the same way as the other side.
1 ÷ 1000 =	0.001	0.001	☆I checked my work how to do it.
9 ÷ 0.1 =	.09	.90	! I didn't pay attenion where to put the nnnnbers.
7 ÷ 0.01 =	0.07	700.	! I didn't know where to put the numbers.
0.8 ÷ 10	0.80	0.08	! It was shocking, I misplaced the numbers.
0.02 ÷ 100	0.20	0.0002	! I forgot that I'm supposed to put all four zeros.

What did you do to help yourself solve these problems mentally? The worksheet (a different one) helped me know and remember how to do it. Also, I did the back first so I checked the back to see how I did it.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	200	I think it was ☆
50 ÷ 10 =	5	5	I think it was ?
7000 ÷ 10 =	700	700	I think it was ☆
4 ÷ 10 =	1.4	0.4	I think it was ?
3 ÷ 100 =	0.03	0.03	I think it was ☆
1 ÷ 1000 =	0.001	0.001	I think it was ☆
9 ÷ 0.1 =	91	90	I think it was ?
7 ÷ 0.01 =	700	700	I think it was ☆
0.8 ÷ 10	0.03	0.08	I think it was ☆
0.02 ÷ 100	0.0002	0.0002	I think it was ☆

What did you do to help yourself solve these problems mentally? Double check my work and re did it.

Name _____

Solve each problem mentally and then check your answer with a calculator. Check your work with your tablemates – what was easy (☆), what was surprising (!), what was confusing (?), what caused disagreement (♡).

Problem	Predict (mental)	Check (calculator)	☆ ! ? ♡ I think...
2000 ÷ 10 =	200	206	
50 ÷ 10 =	5	5	
7000 ÷ 10 =	700	700	
4 ÷ 10 =	0.4	0.4	
3 ÷ 100 =	0.03	0.03	
1 ÷ 1000 =	0.001	0.001	
9 ÷ 0.1 =		0.9	
7 ÷ 0.01 =	0.07	0.07	
0.8 ÷ 10	0.08	0.08	
0.02 ÷ 100	0.0		

What did you do to help yourself solve these problems mentally? I did the work first than checked in the calculater