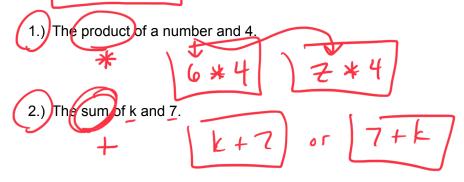
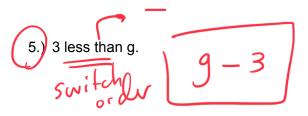
Math Fundamentals Unit 1 Pre-Test

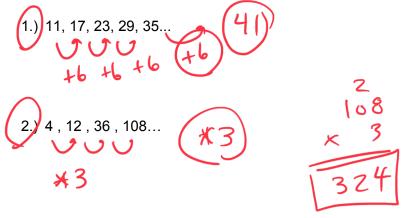
Write a variable expression for each word phrase.



- 3.) The difference between 12 and b.
- 4.) The quotient of f and 11.



Find the rule the pattern is using. Determine the next number in the sequence.



3.) 29, 24, 19, 14...

4.) 128, 64, 32, 16...

1.) What is the relationship between the input and output?

			$\bigcap$	
In	42*0	6 * 6	10 76	2
Out	24	36	60 0	12 🌙
(	*6			

2.) What is the relationship between the input and output?

In	9	4	2	12
Out	12	7	5	15

## 3.) What is the relationship between the input and output?

In	6 -2	10 -2	3 -2	14 -2
Out	4	8	1	12 🖌

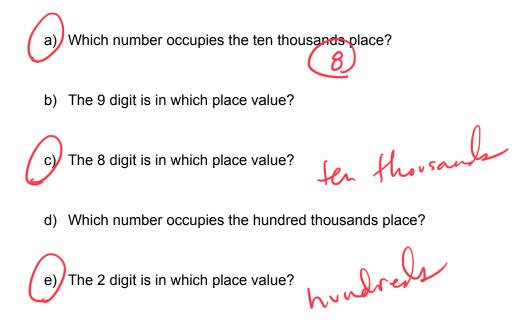
4.) A pattern starts with 3. The second number is a 6. The third is a 9. Fourth is a 12 and fifth is 15. If the pattern continues, what is the identity of the 15th number?



5.) A pattern starts with 1. The second number is a 4. The third is a 9. Fourth is a 16 and fifth is 25. If the pattern continues, what is the identity of the 9th number?

1.) Use the number below to answer the following questions:

387,294



Write the following number in both written and expanded form:

374,815 Written: Three hundred seventy-four thousand eight hundred

Expanded:  $\frac{360,000 + 70,000 + 4,000 + 800 + 10 + 5}{2000 + 10 + 5}$ 

Write the following number in both written and expanded form:

708,972

Written:

Expanded: \_\_\_\_\_

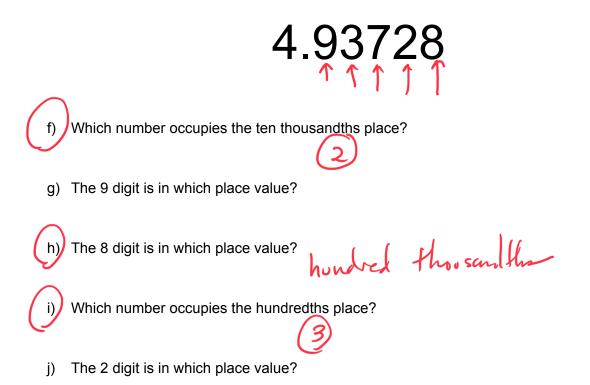
Write the following number in both written and expanded form:

98,024

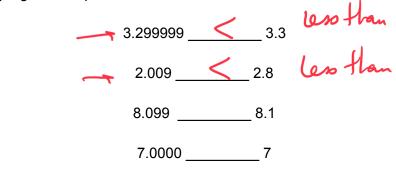
Written:

Expanded:

1.) Use the number below to answer the following questions:



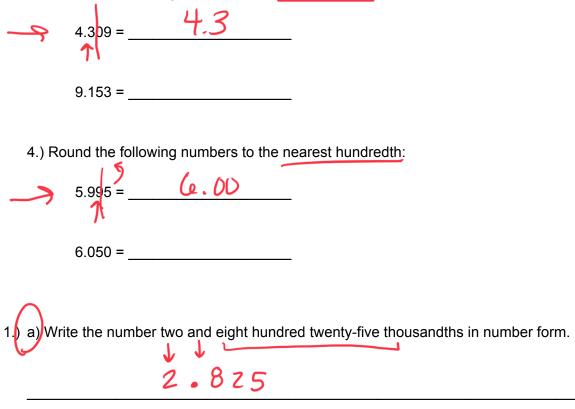
1.) Use an inequality sign to compare the value of the two numbers.



2.) Round the following numbers to the nearest hundredth:

5.786 5.79 3.052 =

3.) Round the following numbers to the nearest tenth:



b) Write the number seven and seventy-two hundredths in number form.

CWrite the number nine and three hundred	dths in number form.	
	9.03	
<u>4₀⊆</u>		

d)	Write	the	number	eight	and	ninety	-one	thous	andths	in	number	form.

2.)	Write the following number in both written and expanded form:
	3.274
	Written:
	Expanded:
3.)	Write the following number in both written and expanded form: 5.023 Written: Five and twenty-flyee thousand the
	Written: Five and twenty-flree thousand the
	Expanded: $5 + \frac{7}{100} + \frac{3}{1600}$

4.) Write the following number in both written and expanded form:

2.904

Written:

Expanded:

1.) Solve.

If 
$$8 \times 7 = 56$$
, what is  $8,000 \times 70$ ?  
 $3 + 1 = 4$   
 $+ 2005$ 

If 4  $\times$  6 = 24, what is 400  $\times$  600?

If 
$$48 \div 8 = 6$$
, what is  $48,000 \div 800?$    
 $- 2eros$   $3 - 2 = 1$ 

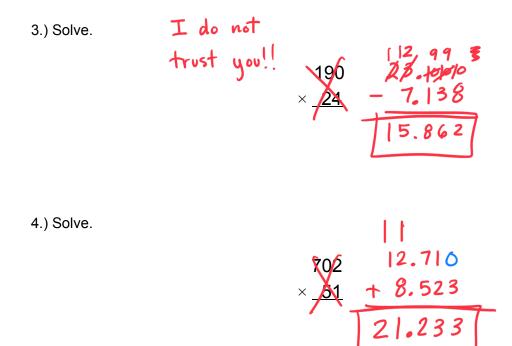
If 84  $\div$  12 = 7, what is 8,400,000  $\div$  120?

1.) Solve.

2.) Solve.



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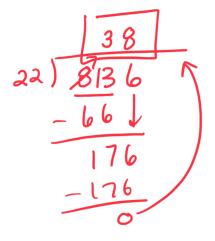


 Nate ate 238 cookies every day for 42 days. How many cookies did he eat in all? Why does Nate eat his feelings?

Be cause they 238 are delicious. X42

2.) Matilda made \$563 each day selling her outrageously additive lemonade. If she sold lemonade every day for 65 days, how much monies would she make? What could possibly be in the lemonade?

Solve.



2.) 455 ÷ 13

3.) 954 ÷ 53

4.) 992 ÷ 16