	Rewriting Number Sentences Name:				
Rew	rite each number sentence using numerals and symbols.	Answers			
1)	Find 8 less than the sum of 3 and 9				
		1			
2)	Subtract 4 from 8 and then add 9				
		2			
3)	Find take 4 from 19 and then take the difference from 26				
Δ	Sectors of 10 from 20 and there exclore at 5	3			
4)	Subtract 19 from 26 and then subtract 5				
5)	Divide the product of 6 and 2 by 7	4			
- /		5.			
6)	Find 6 times as many as, 2 plus 9				
		6			
7)	Take the quotient of 5 divided by 4 from 4				
0)		7			
8)	Subtract 5 from the quotient of 2 divided by 4				
9)	89 divided by the difference between 11 and 4	8			
-)	by divided by the difference between 11 and 4	9.			
10)	Find 7 times as much as 5 less than 6)			
		10.			
11)	Add 9 and 6 and then add 7				
		11			
12)	Divide 5 by the quotient of 7 divided by 6				
13)	Divide the quotient of 6 divided by 2, by 4	12			
10)	Divide the quotient of 0 divided by 2, by 4	13.			
14)	Find a number that is 9 more than, 8 divided by 4	13			
		14.			
15)	Find the product of 4 and 8 and then take that from 8				
		15			
16)	9 divided by the product of 8 and 2				
17)	Add 7 and 0 and then divide 2 by the sum	16			
17)	Add 7 and 9 and then divide 2 by the sum	17			
18)	Find the sum of 3 and 5 and then divide 2	17			
-		18.			
19)	Multiply 9 by the quotient of 3 divided by 4				
		19			
20)	Find the product of 2 and 8 and then multiply by 6				
		20			
	Math <u>1-10</u> 95 90 85 11-20 45 40 35				

	Rewriting Number Sentences Name: An	iswer Key
Rew	rite each number sentence using numerals and symbols.	Answers
1)	Find 8 less than the sum of 3 and 9	1. (3 + 9) - 8
2)	Subtract 4 from 8 and then add 9	2. 9 + (8 - 4)
3)	Find take 4 from 19 and then take the difference from 26	3. 26 - (19 - 4)
4)	Subtract 19 from 26 and then subtract 5	4. (26 - 19) - 5
5)	Divide the product of 6 and 2 by 7	5. (6 × 2) ÷ 7
6)	Find 6 times as many as, 2 plus 9	6. (2+9) × 6
7) 8)	Take the quotient of 5 divided by 4 from 4	7. 4 - (5 ÷ 4)
9)	Subtract 5 from the quotient of 2 divided by 4 89 divided by the difference between 11 and 4	8. (2÷4) - 5
10)	Find 7 times as much as 5 less than 6	9. $89 \div (11 - 4)$
-1)	Add 9 and 6 and then add 7	10. 7 × (6 - 5)
12)	Divide 5 by the quotient of 7 divided by 6	11. (9 + 6) + 7
13)	Divide the quotient of 6 divided by 2, by 4	12. $5 \div (7 \div 6)$
14)	Find a number that is 9 more than, 8 divided by 4	12. $5 \div (7 \div 6)$ 13. $(6 \div 2) \div 4$ 14. $(8 \div 4) + 9$
15)	Find the product of 4 and 8 and then take that from 8	$\begin{array}{c} 14. (8 \div 4) + 9 \\ 15. 8 \bullet (4 \times 8) \end{array}$
16)	9 divided by the product of 8 and 2	14. $(3 \div 4) + 9$ 15. $8 - (4 \times 8)$ 16. $9 \div (8 \times 2)$ 17. $2 \div (7 + 9)$ 18. $(3 + 5) \div 2$ 19. $9 \times (3 \div 4)$
17)	Add 7 and 9 and then divide 2 by the sum	$\begin{array}{c c} 10. & 2 \div (7+9) \\ 17 & 2 \div (7+9) \end{array}$
18)	Find the sum of 3 and 5 and then divide 2	$\begin{array}{c} 1.1 \\ 1.8 \\ (3+5) \div 2 \end{array}$
19)	Multiply 9 by the quotient of 3 divided by 4	$\begin{array}{c} 10. \\ 19. \end{array} \begin{array}{c} (2 + 2) + 2 \\ 9 \times (3 \div 4) \end{array}$
20)	Find the product of 2 and 8 and then multiply by 6	$\begin{array}{c} 19. \\ 20. \end{array} \begin{array}{c} 6 \times (2 \times 8) \end{array}$
	Math 31-10 95 90 82 11-20 45 40 32	5 80 75 70 65 60 55 50

	Determining Pattern Rule Name:		
Find	the rule the pattern is using.		Answers
	3, 6, 12, 24 Rule = Multiply 2		
		Ex.	Multiply 2
1)	1024, 256, 64, 16, 4 Rule =		
		1.	
2)	38, 31, 24, 17, 10 Rule =	2.	
ŕ			
3)	135, 45, 15, 5 Rule =	3.	
-)			
4)	18, 15, 12, 9, 6 Rule =	4.	
-)	10, 13, 12, 7, 0 Kule –	5.	
5)	7, 14, 28, 56 Rule =		
0)	7,14,20,50 Rule –	6.	
6)	7, 14, 28, 56, 112 Rule =		
0)	/, 14, 26, 50, 112 Kule –	7.	
7)	256 64 16 4 $Pulo -$	8.	
')	256, 64, 16, 4 Rule =		
8)	21 18 15 12 0 6 2 Dyla =	9.	
0)	21, 18, 15, 12, 9, 6, 3 Rule =	10.	
0)	22 17 12 7 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10.	
"	22, 17, 12, 7, 2 Rule =	11.	
10)	2 - (-1) = 54 D-1		
10)	2, 6, 18, 54 Rule =	12.	
11)	5 10 01 00 07 D I	13.	
11)	5, 13, 21, 29, 37 $Rule =$		
19)	6 0 10 15 10 01 04 05 D 1	14.	
14)	6, 9, 12, 15, 18, 21, 24, 27 Rule =	1.5	
12)	4 0 14 10 04 00 04 D 1	15.	
13)	4,9,14,19,24,29,34 Rule =		
14)			
14)	6, 11, 16, 21, 26, 31, 36, 41 Rule =		
15			
13)	2304, 576, 144, 36, 9 Rule =		
	Math www.CommonCoreSheets.com 5 1-10 93 11-15 27	87 80 20 13	

	Determining Pattern Rule Name:	Answer Key
Find	the rule the pattern is using.	Answers
Ex)	3, 6, 12, 24 Rule = <u>Multiply 2</u>	Ex. Multiply 2
1)	1024, 256, 64, 16, 4 Rule = <u>Divide 4</u>	1. Divide 4
2)	38, 31, 24, 17, 10 Rule = <u>Subtract 7</u>	2. Subtract 7
3)	135, 45, 15, 5 Rule = <u>Divide 3</u>	3. Divide 3
4)	18, 15, 12, 9, 6 Rule = Subtract 3	4. Subtract 3
		5. Multiply 2
5)	7, 14, 28, 56 Rule = Multiply 2	6. Multiply 2
6)	7, 14, 28, 56, 112 Rule = <u>Multiply 2</u>	7. Divide 4
7)	256, 64, 16, 4 Rule = Divide 4	8. Subtract 3
		9. Subtract 5
8)	21, 18, 15, 12, 9, 6, 3 Rule = Subtract 3	10. Multiply 3
9)	22, 17, 12, 7, 2 Rule = <u>Subtract 5</u>	11. Add 8
10)	2, 6, 18, 54 Rule = Multiply 3	12. Add 3
11)	5, 13, 21, 29, 37 Rule = $Add 8$	13. Add 5
10		14. Add 5
12)	6, 9, 12, 15, 18, 21, 24, 27 Rule = Add 3	15. Divide 4
13)	4, 9, 14, 19, 24, 29, 34 Rule = Add 5	
14)	6, 11, 16, 21, 26, 31, 36, 41 Rule = Add 5	
15)	2304, 576, 144, 36, 9 Rule = <u>Divide 4</u>	
	Math www.CommonCoreSheets.com 5 1-10 93 11-15 27	87 80 73 67 60 53 47 40 33 20 13 7 0

	Identifying Pattern Attributes Name:		
	Rentifying Futtern Fittinoutes		•
1)	the patterns to answer the questions. Pattern A 8 11 14 17 20		<u>Answers</u>
1)	Pattern A 8 11 14 17 20 Pattern B 4 7 10 13 16		
	The patterns above are synchronized. If the number in pattern A is 192, what will be the	1.	
	number in pattern B?	2	
		2.	
		3.	
3)		-	
2)	Pattern A 2 3 4 5 6 Pattern B 16 24 32 40 48	4.	
	The patterns above are synchronized. If the number in pattern A is 20, what will be the		
	number in pattern B?	5.	
	1		
		6.	
3)	In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 20th number and in a 5 or a 0^{2}	7.	
	20. If the pattern continues will the 20th number end in a 5 or a 0?	0	
		8.	
4)	In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 24th number in the pattern?	9.	
	a for if the pattern continues what will be the 2 for number in the pattern.	· .	
5)	A pattern starts with 3. The second number is a 11. The third is a 19. Fourth is a 27 and fifth	10.	
3)	is 35. If you double the 23rd number in the pattern, will the result be even or odd?	-	
6)	A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth		
•)	is 25. If the pattern continues will the 13th number in the pattern be even or odd?		
7)	A pattern starts with 2. The second number is a 4. The third is a 6. Fourth is a 8 and fifth is		
	10. If the pattern continues will the 10th number in the pattern be even or odd?		
8)	A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth		
	is 40. If the pattern continues will the 19th number in the pattern be even or odd?		
9)	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 will the 19th number in the pattern be even or odd?		
10)	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 will the 12th number in the pattern be even or odd?		
	13. If the pattern continues will the 12th number in the pattern be even of odd?		

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	Identifying Pattern Attributes Name: Answe	er K	Key
Use	the patterns to answer the questions.		<u>Answers</u>
1)	Pattern A811141720Pattern B47101316	1.	188
	The patterns above are synchronized. If the number in pattern A is 192, what will be the number in pattern B?		160
		3.	0
2)	Pattern A 2 3 4 5 6 Pattern B 16 24 32 40 48	4.	240
	The patterns above are synchronized. If the number in pattern A is 20, what will be the number in pattern B?	5	even
		6.	odd
3)	In a pattern the first number is a 5. The second number is a 10. The third is a 15. Fourth is a 20. If the pattern continues will the 20th number end in a 5 or a 0?	7	even
		8.	even
4)	In a pattern the first number is a 10. The second number is a 20. The third is a 30. Fourth is a 40. If the pattern continues what will be the 24th number in the pattern?	9	odd
5)	A pattern starts with 3. The second number is a 11. The third is a 19. Fourth is a 27 and fifth is 35. If you double the 23rd number in the pattern, will the result be even or odd?	10	even
6)	A pattern starts with 5. The second number is a 10. The third is a 15. Fourth is a 20 and fifth is 25. If the pattern continues will the 13th number in the pattern be even or odd?		
7)	A pattern starts with 2. The second number is a 4. The third is a 6. Fourth is a 8 and fifth is 10. If the pattern continues will the 10th number in the pattern be even or odd?		
8)	A pattern starts with 8. The second number is a 16. The third is a 24. Fourth is a 32 and fifth is 40. If the pattern continues will the 19th number in the pattern be even or odd?		
9)	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 will the 19th number in the pattern be even or odd?		
10)	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 will the 12th number in the pattern be even or odd?		

Math

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1-10 90 80 70 60 50 40 30 20 10 0