

NAME

TEACHER _____

Compiled and organized by the teachers at SMc Curriculum

TABLE OF CONTENTS

	Target	CLUSTER	STANDARDS	PAGE
☆	Target A	Use the four operations with whole numbers to solve problems.	OA.1 - 4.0A.3	1
	Target B	Gain familiarity with factors and multiples.	4 4.4	2
	Target C	Generate and analyze patterns.	4.0A.5	4
☆	Target D	Generalize place value understation of formulti-digit whole numbers.	4.NBT.1 - 4.NBT.3	6
☆	Target E	Use place value understanding a diproperies of operations to perform multi-dupit a chmetic.	4.NBT.4 - 4.NBT.6	8
☆	Target F	Extend understanding of fragmenequivalence and ordering	4.NF.1 4.NF.2	10
☆	Target G	Build fractions in a unit fractions by applying and extending review to the standings of operations on whole numbers.	4.NF.3 4.NF.4	12
☆	Target	Understand durimal notation for fractions, and compare destructions.	4.NF.5 - 4.NF.7	15
	Target I	Solve proclems involving measurement and conversion of the section	4.MD.1 - 4.MD.3	17
	Target J	Represent and interpret data.	4.MD.4	19
	Target K	Geometric measurement: understand concepts of angle and measure angles.	4.MD.5 - 4.MD.7	20
	Target L	Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	4.G.1 - 4.G.3	22

Grade 4 Claim 1 Target A

Use the four operations with whole numbers to solve problems.

Name:

 A dog has 3 times as many treats as a cat. The dog has 12 treats. How many treats does the cat have?

2. Timmy has 8 toys. Jenna has 24

toys. How many times more toys does Jenna have than Timmy?

- 5. James has 3 pencils. Suzi has 12 more pencils than James. How many times more pencils does Suzi have than James?
- 6. Maria divided 4. marbles equally inte 4 bags. How many marbles bid so have lot over?
 - 2 marbles
 - B. 4 marbles
 - 11 marbles
 - D. 42 marbles
- **3.** Ethan ran 800 meters of Tuesday. He ran 700 meter on Wednesday. What is the ter number of meters Ethanter these two days?

- **4.** Mercy spent \$6 on a pair of earrings. Her mom bought a pair of earrings that cost 5 times as much. How much did Mercy's mom's earrings cost?
- 7. Two friends each have 80 songs on their MP3 players. A third friend has 42 songs. How many songs do the three friends have altogether?
 - A. 38 songs
 - B. 118 songs
 - C. 122 songs
 - D. 202 songs

Grade 4 Claim 1 Target B

Gain familiarity with factors and multiples.

Name:



Name:

 Use a check (√) to show whether each number is a multiple of 8, a factor of 8, or neither. Each number may be matched to more than one description.

	Mulitple of 8	Factor of 8	Neither a Multiple nor a Factor of 8
1			
2			
3			
8			
12			
16			

10. Decide whether each number is prime or composite. Complete the table by checking one box in each row.



Nhich numbers are prime? Select all that apply.

A. 2	D. 21
B. 11	E. 23
C. 15	F. 27

12. What number is both a factor of 8 and a multiple of 8?

- 8. Which list of numbers are all multiples of 6?
 - A. 3, 18, 24, 48
 - B. 6, 16, 34, 60
 - C. 12, 72, 42, 58
 - D. 36 42, F / C
- **9.** Which number is a multiple of both 3 and 7?
 - A. 7
 - B. 37
 - C. 21
 - D. 18

Grade 4 Claim 1 Target C

Generate and analyze patterns.

5.

Name:

 A pattern is generated using this rule: Start with the number 6 as the first term and add 3. Write numbers in the boxes to complete the table.

Term	Number
First	6
Second	
Third	
Fourth	
Fifth	

2. A shape pattern is generated by repeating the part of "Triangle, Star, Stur." Share the first six terms of the pattern, starting your triangle

3. A number pattern starts with 30 as the first term. Each term after is 2 less than the previous term. Write the first five terms.

4. A pattern is generated using this rule: Start with the number 4 as the first term and add 5. Mark True or False for each statement about the pattern.



A pattern are shown. Each term is generated by following the same rule. Decide whether each statement can be used to describe the diamond pattern shown. Mark Yes or No for each statement.

***	*****	*******
First term	Second term	Third term
(3 diamonds)	(6 diamonds)	(9 diamonds)

	Yes	No
The difference between the number of diamonds in each term is 3.		
The number of diamonds in the 8 th term is 28.		
The digit in the ones place of the number of diamonds repeats in the following pattern: 3, 6, 9, 3, 6, 9.		

Name:

6. A pattern is generated using this **8.** Write the first 6 terms in the rule: Start with 32 and add 5. pattern that starts with 1 and multiplies the last term by 3 to Write one number on each line get the next term. that makes this sentence correct: The ones digit for every term in the pattern is either or ____. asebal cards. **9.** Barry owns 4 He buys 5 man card each week **7.** A pattern is generated using this to dd to his column. What is rule: Start with the number 8 as the scription of the pattern the first term and add 20. t de criber che number of calls Ball owns based on **Part A:** Complete the table to show the next six terms of this number of weeks he has seen purchasing cards? pattern. Start at: 14 8 Add 5 B. Start at: 14 1 st 2nd **3**rd ∆th 5th erm | term term term term term erm Subtract 5 C. Start at: 5 Part B: Based on hat ou Subtract 14 observe along the f c seven terms, which number below are D. Start at: 5 also in the pr Add 14 Circle all of the *r* mbers that are in the pattern. **10.** Complete the pattern: 6,468 258 434 908 4, 7, 10, ____, ____, ____ Starts at: Math operation and amount:

Grade 4 Claim 1 Target D

Generalize place value understanding for multi-digit whole numbers.

Name:



Name:

Target D

- 8. Write the symbol (<, >, or =) that goes in the box that makes this comparison true.
 - 5000 + 300 + 20 3 hundreds
 - + 5 thousands + 2 tens
- **9.** Select the statement that explains how the values of the numbers 350 and 3500 are different.
 - A. 3500 is 1000 times as large as 350.
 - B. 3500 is 100 times as larg as 350.
 - C. 3500 is 10 times a targe as 350.
 - D. 3500 is 1 time as large 350.
- **10.** Which digits created true states eptember out in the box? Select all that apply.

- A. 4 D. 7
- B. 5 E. 8
- C. 6 F. 9

- **11.** How is the 2 in the number 972 similar to and different from the 2 in the number 927?
 - A. It is worth one more in 927.
 - B. It is worth ten times the amount in 927 compared to 972.
 - C. You cannot compare the value of the twos.
 - D. It is worth 15 more in 972 compared to 27.
 - You have four number cards, each with one digit on it. If the ligits on the cards are 4, 2, 9 and 5, what is the largest four digit number you can make with the cards?

13. What digit can you put in the box to make the comparison true?