Summer Math Packet - Incoming Fourth Grader

1.	Fill in	n the blanks.	
	(a)	Nine thousand nineteen in standard form is	[1]
	(b)	In 4,598, the digit is in the hundreds place.	[1]
	(c)	4,900 is more than 4890.	[1]
	(d)	The difference between 700 and 1,000 is	[1]
	(e)	The sum of 400 and 800 is	[1]
	(f)	When 30 is divided by 4, the quotient is and	[1]
		the remainder is	
2.	Com	plete the following regular number patterns:	[1]
	4,62	3; 4,723; 4,823;;;;	
3.	Write	these numbers in order, beginning with the smallest:	[2]
		862 8,662 6,862 6,826	
4.	(a)	Round 5,190 to the nearest thousand.	[1]
	(b)	Round 8,485 to the nearest ten.	[1]
	(c)	Round 3,968 to the nearest hundred	[1]

5. Solve using mental math:

(d)
$$84 - 39 =$$

(f)
$$892 - 97 =$$

(h)
$$1,000 - 372 =$$

[2]

6. Estimate the value of 896 + 438 by rounding each number to the nearest hundred. Then find the exact sum.

[1]

[1]

Estimate, the value of 762 - 334 by rounding each number to the 7. nearest hundred. Then find the exact difference.

[1]

[1]

8.	Write an equation and solve. Draw a picture if you need to.		
	(a) 15 more than is 48.	[2]	
	(b) less than 132 than is 80.	[2]	
	(c) 120 less thanthan is 300.	[2]	
9.	The difference between two numbers is 456. If the larger number is 854, what is the smaller number?	[2]	
10.	There were 156 boys and girls at a park. 97 of them are girls. How many more girls than boys were there?	[2]	

- 11. Solve:
 - (a) 1, 3 4 6 + 1 9 4
- (b) 2, 8 2 4 + 3, 5 8 6

[2]

[2]

- (c)
- (d)
- 12. A computer costs \$1,430. A microwave oven is \$850 cheaper than [2] the computer. Mr. Max bought both the computer and the microwave oven. How much did he pay?

13. \bigcirc + \bigcirc + \bigcirc = 21

Find the value of $\times \times$ \times \times . _____.

- Write >, <, or = in each \bigcirc . 14.
 - (a) 4×9 136 88 (b) $0 \div 6$ 6 x 0
- [2]

[2]

- (c) 5×9 10 x 4 (d) 2×3 35 ÷ 5
- [2]

(e) $(3 \times 2) + (4 \times 2)$ 6 x 2

[1]

(f) 8×4 (3 × 4) + (5 × 4)

[1]

15. Solve:

(a)
$$7 \times 6 =$$

(b)
$$8 \times 7 =$$

(c)
$$9 \times 8 =$$

(d)
$$64 \div 8 =$$

(e)
$$49 \div 7 =$$

(f)
$$36 \div 9 =$$

(i)
$$600 \times 5 =$$

(j)
$$4,000 \div 8 =$$

16. Write +, -, \times , or \div in each (

(a)
$$35 () 5 = 40$$

(b)
$$7 \times 9 = 70$$
 7

(c)
$$2,400 () 6 = 400$$

(d)
$$1()432 = 432$$

[2]

Fill in the blanks with a number to make each of the following true. 17.

(a)
$$40 \div _ = 4 \times 2$$

$$40 \div \underline{\hspace{1cm}} = 4 \times 2$$
 (b) $9 \times 0 = \underline{\hspace{1cm}} \times 6$

[2]

(c)
$$x 5 = 1,000$$

$$x 5 = 1,000$$
 (d) $25 \times 7 = 20 \times 7 +$ $\times 7$

Which of the following is the best estimate for the value of 587 x 8? 18. [1] (Do not find the actual answer.)

580

4,000

4,800

5,000

19. Which of the following is the best expression to use in order to [1] estimate the value of $4,387 \div 7$?

$$4,000 \div 7$$
 $4,300 \div 7$ $4,200 \div 7$ $4,400 \div 7$

$$4,200 \div 7$$

$$4,400 \div 7$$

20. A number is divided by 4. The quotient is 3 and the remainder is 2. [1] Is the number even or odd?

21. Multiply:

(c)

(a) 2 8 1 x 4

6 0 6

- (b) 8 6 4 x 8
- (d) 3 8 5 [2]

22. Divide. Give the quotient and remainder if there is one.

(a) 4)99

(b) 8)488

[2]

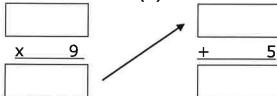
[2]

(c) 7)813

(d) 9)707

[2]

23.	Fill in the boxes to complete the equations you would use to check	[1]
	your answer to 22(d) above.	



24. There are 36 monkeys in a zoo. There are 6 times as many monkeys as tigers. How many more monkeys are there than tigers?

25. Mrs. Merry had 197 stickers. She gave 7 stickers to each of the students in her class. She had fewer than 7 stickers left over. How many students does she have?