

Math Summer Review Packet for Incoming Fourth Graders

Dear Penguins,

Fourth grade is going to be an exciting year mathematically. Please review the skill sets covered in the packet. Enjoy your summer and keep in mind that Math is everywhere!

Sincerely,

Mrs. Mansueti

1. Money

- Practice making change from \$5.00, \$10.00, and \$20.00 by creating three items at a certain cost. These can be food items that you search for in a grocery store flyer, an actual visit to a store, or you can create your own.
- Example:

dollar amount	\$5.00	\$10.00	\$20.00
item	soup .89		
item	gum 1.29		
item	water .95		
total cost	\$3.13		

subtract	\$5.00 - <u>\$3.13</u>		
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2. Multiplication

- Practice all facts through 12
- Practice by reviewing a chart, creating your own flash cards, using a deck of cards, or roll 2-3 die to create your own factors
- Practice double digit multiplication by choosing your own numbers

3. Multiplication examples to review:

13×9	54×6
8×94	311×6

4. Division

- Practice division facts through 12
- Think about how you would divide certain items among friends
- Example: You have 12 cookies to share between you and 3 friends, how many would each person receive? What if you were dividing between you and 4 friends? Would there be a remainder? How would you write the remainder in fraction form?

5. Division examples to review:

$350 \div 7 =$	$89 \div 5 =$
$4218 \div 6 =$	$6732 \div 3 =$

6. Decimal, Fraction, and Percent Equivalents

- Think about the relationship of fractions, percent, and decimals in terms of money

Draw a Picture of Coin Combinations	decimal	fraction	percent
	.42	$\frac{42}{100}$	42%
	.25		
			33%

7. Area and Perimeter

Review the formulas for

Area: $A = \text{Length} \times \text{Width}$

Perimeter: $P = \text{Length} + \text{Length} + \text{Width} + \text{Width}$ or $P = (2 \times L) + (2 \times w)$

8. Area and Perimeter Practice:

- Choose two items in your house or yard to measure to demonstrate your understanding of Area and Perimeter. This should be a four sided figure with four Right angles.
- Draw a picture of what you measured and the units you selected to measure the item. The units can be centimeters, meters, inches, feet, or yards.

Name of Item	Area of Item	Perimeter of Item

Illustration and Explanation Box