

Dear Incoming 5th Grader,

The 5th grade teachers want to encourage you to participate in “Sum Summer Math Fun” so we can continue to build on those amazing math skills you learned in 4th grade. We have prepared a Summer Math Choice Board that covers some of the math skills you learned in school this year.

The Choice Board has 10 activities to choose from but we are only asking you to complete 8 of them. You may recognize that we included a Math 4 Today and AIMSweb worksheet as a choice in the Choice Board. This will help you continue with some of those computation skills you have been working on in school. However, it is completely your choice on what activities you want to complete over the summer. Please show all your fantastic math thinking for each activity you completed in the boxes provided for you. If you need more space, you can use another piece of paper.

You can turn in your packet to your 5th grade teacher when we get back to school in September. Because of your hard work and effort practicing these math skills, your teacher will have a prize waiting for you. However, if you do all 10 activities, you will get an extra prize. Also, we will be picking student names from a hat for some Grand Prizes! How exciting is that? Use the checklist to help you make sure you have completed the activities needed to get your prize(s). We would just love it if everyone in our class could earn a prize for keeping their math brain going over the summer.

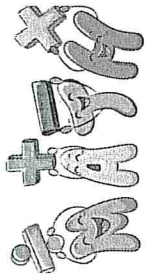
We hope you have a wonderful summer and we look forward to seeing you in September.

Sincerely,

Your Future 5th Grade Teachers

**MATH
ROCKS**

AT BROAD ROCK



Sum Summer Fun Choice Board
CHECKLIST and Grand Prize Raffle Ticket

Your Name: _____

5th Grade Teacher: _____

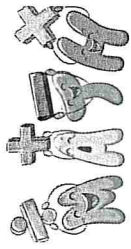
Check off the activities you have completed:

For 1 Prize:

Completed 8 Activities From The Choice Board

For 2 Prizes:

Bonus: Completed ALL 10 Activities From The Choice Board



Sum Summer Fun Choice Board

Directions: Complete 8 activities of the 10 activities for a prize OR complete all 10 for an extra prize.

<p>Subtraction Make up your own subtraction problems</p> <ul style="list-style-type: none"> -Must be 3-4 digit numbers -Must have zeros in the numbers -Problem must have regrouping/"borrowing" <p>Challenge: Go up to 7 digits numbers</p>	<p>Daily Activity Schedule Create a daily schedule with some of your favorite things to do (At least 5 activities)</p> <ul style="list-style-type: none"> - Each activity should have a time frame -Figure out how much time it takes to complete that activity -Add up the time frames to see how long it would take to do all your favorite activities in 1 day. <p>Challenge: Make the start and end time in a different hour and make the minutes trickier to add up Ex. Bike Ride 8:48-9:23 Time: 35 minutes</p>	<p>Math 4 Today Complete the Math 4 Today worksheet included in the packet</p> <ul style="list-style-type: none"> -Remember to show your thinking while solving the problems 	<p>Place Value Create a place value chart</p> <ol style="list-style-type: none"> 1. Create a place value chart up to the millions and label each digit 2. Write a number in the place value chart (no less than the thousands) 3. Under each digit, write the number in expanded form Ex. Number is 723 Expanded Form is $700 + 20 + 3$ 4. Do this for 5 different numbers <p>Challenge: Make all your numbers in the ten thousands place and higher</p>	<p>Multiplication Problems Create 5 of your own multiplication problems</p> <p>Types of multiplication problems: 2 digit by 1 digit 3 digit by 1 digit</p> <p>Challenge: Include at least 2 problems that are: 2 digit by 2 digit OR 3 digit by 2 digit</p>
<p>Multiplication Facts Review</p> <ol style="list-style-type: none"> 1. Create your own multiplication times table review for a set of multiplication facts you are still learning. 2. Provide an answer key for it <p>Challenge: Use that review and practice them until you have learned those multiplication facts</p>	<p>Doubling a Favorite Recipe</p> <p>Find a recipe that you love whether it's a family recipe, a recipe from online, on the back of a food item, or even one you have created or memorized.</p> <ul style="list-style-type: none"> -Write down all the ingredients and measurements from the original recipe -Write down your math equations to show how you doubled your recipe 	<p>Free Choice Develop your own math activity using the skills you have learned</p>	<p>AIMSweb Complete the AIMSweb worksheet included in the packet</p> <ul style="list-style-type: none"> -Remember to show your thinking while solving the problems 	<p>Math Vocabulary Define 5 math terms: Examples: 1. Quotient 2. Divisor 3. Dividend 4. Sum 5. Difference 6. Multiply 8. Equation 7. Expression</p> <p>Challenge: Draw or write an example and provide a label where the term is located.</p>

AIMSweb (1st Page)

<p>1</p> $17 + 16 =$ _____	<p>2</p> $14 - 11 =$ _____	<p>3</p> $\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$	<p>4</p> $\begin{array}{r} 756 \\ + 63 \\ \hline \end{array}$
<p>5</p> $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$	<p>6</p> $\begin{array}{r} 31 \\ \times 5 \\ \hline \end{array}$	<p>7</p> $\begin{array}{r} 320 \\ + 61 \\ \hline \end{array}$	<p>8</p> $\begin{array}{r} 6 \\ \times 1 \\ \hline \end{array}$
<p>9</p> $\begin{array}{r} 565 \\ - 271 \\ \hline \end{array}$	<p>10</p> $\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$	<p>11</p> $\begin{array}{r} 326 \\ + 131 \\ \hline \end{array}$	<p>12</p> $\begin{array}{r} 42 \\ \times 2 \\ \hline \end{array}$
<p>13</p> $\begin{array}{r} 341 \\ - 40 \\ \hline \end{array}$	<p>14</p> $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$	<p>15</p> $\begin{array}{r} 665 \\ - 552 \\ \hline \end{array}$	<p>16</p> $\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$
<p>17</p> $2 \overline{)46}$	<p>18</p> $\begin{array}{r} 9.7 \\ + 7.5 \\ \hline \end{array}$	<p>19</p> $\begin{array}{r} 23 \\ \times 3 \\ \hline \end{array}$	<p>20</p> $\frac{2}{4} + \frac{1}{4} =$ _____

Math 4 Today

Write the number in standard form.

$$600,000 + 30,000 + 2,000 + 700 + 70$$

What units would you use to measure the length of a wall?

- A. inches
- B. centimeters
- C. yards

Dawn has to pay \$10,990 for her college dorm room and tuition each year. About how much money does Dawn spend the first 2 years of college?

Complete the table.

Add 4	
1	5
3	
8	
16	

The zookeeper takes 2 bags of peanuts to an elephant. Each bag has 12 peanuts. How many peanuts does the zookeeper give to the elephant?

$$400 \div 40 =$$

$$91 + 28 + 13 =$$

List the factors of 7.

Is this number prime or composite?

$$49,007 - 34,569 =$$

What time is it?



$$45,678 + 21,456 =$$

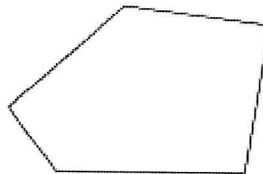
What is the value of the following coins?

2 quarters, 4 dimes, and 6 pennies

$$85 - 31 =$$

Start at 2. Create a pattern that multiplies each number by 2 and then adds 1. Stop when you have 5 numbers.

What is the name of the figure shown?



Round 54,878 to the nearest ten thousand.

Activity 1:

Activity 2:

Activity 3:

Activity 4:

Activity 5:

Activity 6:

Activity 7:

Activity 8:

Activity 9 or Extra Work Space:

Activity 10 or Extra Work Space: