**Big Apple Academy**                                      **Mathematics Department**

**202**5

**Summer Math Homework Package**                    **Grade  1 → 2**

It is important that you keep practicing your mathematical Knowledge over the summer to be ready for **2nd grade**.

In this package you will find a calendar of activities for the month of July and August.

What should you do?

-    Take a new notebook or use this year math notebook for every-day practice;

-    Start each day with vocabulary words: copy each word, find and write the meaning of each word in your notebook.

-    If definition is difficult, draw a picture or give an example instead (for example, list all the coins to explain "money".

-    You may use the internet to find the meaning of each word you do not know:

   **http://www.amathsdictionaryforkids.com/MathsChartsPDFs/Operations.pdf**
   **https://dynamiclearningmaps.org/sites/default/files/documents/ERP/dlm_math_glossary.pdf**

-    Solve the problem of the day with full explanation;

-    Have the date of the entry. Have a clear and complete answer. Be neat and organized.

-    If it is hard for you to do it every day, do the week's assignment over the weekend.

Do not forget to bring your notebook to school on September 2, 2025- the first school day.

                                                    **Have a Great Summer!!**

# Big Apple Academy      Mathematics Department

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | |
|---|---|---|---|---|---|---|
| **July**<br><br>Dozen | Leap Year<br>Fraction | Quadrilateral<br>Perimeter | Sum<br>Product<br>Cone | Bar Graph<br>Cube<br>Picture Graph | Congruent<br>Estimate | **Vocabulary** |
| Date<br>Days of week<br>Decrease | Digit Number<br>Difference | Addend<br>Factor | Even number ,<br>Odd number | Flip<br>Slide<br>Turn | Decade<br>Word form of the number | **Summer Home Work for FUN** |
| Sphere<br>Surface<br>Face (flat surface)<br>Rectangular prism | Vertex<br>Edge<br>Angle | Pentagon<br>Hexagon<br>Triangle | Heptagon<br>Octagon<br>Expanded form of a number | Rhombus<br>Trapezoid<br>Diagonal | Pyramid<br>Parallelogram<br>Prism | **Incoming 2nd Grade** |
| Inch<br>Foot<br>Yard<br>Mile | Tally<br>Tally chart | Number sentence<br>Meter<br>Centimeter | Vertical<br>Horizontal<br>Twice | Doubles<br>Related facts | Century<br>Commutative<br>Property of Addition |  |

# Big Apple Academy                    Mathematics Department

| July 915-108= 572-194= 360- 57= Monday | Marta picked 49 red flowers and 133 pink flowers. How many flowers did Marta pick in all? Tuesday | The cook needs a dozen eggs to make a cake. If he has 8 eggs, how many more does he need? Wednesday | Four students brought their teacher flowers. If each one gave the teacher 9 flowers, how many did she get? Thursday | Jay has 95 cents. He spent a quarter and a dime. How much money does he have left? Friday | Carnival ride tickets are 10 for $1.00. How many can Sue buy for $4.00 ? Saturday | 2nd Grade |
|---|---|---|---|---|---|---|
| Rob found a sale on dog food. Each can cost 40 cents. How much did he pay for five cans? | 510 - 125 = 3,478+2,795= 700-367= 503-347= 599+385= | Sara cut five brownies into fourths. How many pieces did she have? | 87 students are going on a trip. A bus holds 30 children. How many buses will be needed? | Write the missing numbers ___ 368, 369,___, ___, ___ | Fine the rule and continue the pattern 75, 69, 63,___,___ | Summer Home Work for FUN |
| Tickets cost $3 for children and $7 for adults. How much will a family of 3 children and 2 adults pay? | Expand the numbers: 78= ___+___ 527=___+___+__ 305= ___+___ | If one week has seven days, how many days are there in seven weeks? | If Tanya eats 3 pieces of fruit every day, how many days will 18 pieces of fruit last? | Circle the odd numbers 23 , 36, 67, 70, 101, 2,009 | Solve 23 - 7 = 10 + ___ 12 + 9 = 22 - ___ | |
| Write all the even numbers that are more than 30 and less than 40. | Count by 5 175, 180, 185,____,____, ____, ____, ____ | Show 3 ways of making 93 cents. | In Wilson School, there are 537 students, 309 students are girls. How many boys are in Wilson School? | 3 hours = ___min 3years__months 4 days= ___ hours | Kelly wants to give 15 flowers to her three friends. How many flowers will each of them get? | |

**Big Apple Academy**                                    **Mathematics Department**

| | | | | | | |
|---|---|---|---|---|---|---|
| **August**<br><br>**Monday** | Greater than<br>Less than<br>Least<br>Greatest<br><br>**Tuesday** | Fact Family<br>Rounding<br><br>**Wednesday** | Equal parts<br>Halves<br>Thirds<br>Quarters<br><br>**Thursday** | Hour<br>Half-hour<br>Quarter-hour<br><br>**Friday** | Dollar sign ($)<br>Equation<br><br>**Saturday** | **Vocabulary** |
| Hour hand,<br>Minute hand,<br>Calendar | a.m.<br>p.m.<br>Minute | Thermometer<br>Second (a unit of time) | Regrouping<br>Place value | Match<br>Count on<br>Count back | Height<br>Length<br>Width | **Summer Homework for FUN** |
| Distance<br>Intersect | Multiplication<br><br>Multiple | Related subtraction facts<br><br>Amount of money | Numerator<br><br>Denominator | Cent<br>Dollar<br>Coins<br>Bills | Decagon<br>Symmetry | **Incoming 2nd Grade** |
| Standard form<br>Solid figure | Increase<br>Number line<br>Hundred charts | Rectangular prism<br>Square pyramid<br>Similar = alike | Compare<br>Factors | Number<br>Operations<br>Commutative/order property of multiplication | Different ways of checking your answer | |
| Straight<br>Curved | Estimate<br>Related facts | Right<br>Left | | | |  |

# Big Apple Academy                    Mathematics Department

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | |
|---|---|---|---|---|---|---|
| Kevin's birthday is in 3 weeks and 4 days. How many days until his birthday? | What do a cone and a sphere have in common? How are they different? | | Round each number to the nearest ten. 48 - ____ 85- ____ 51 - ____ | Put the numbers in order from greatest to least. 368, 328,338, 358, 348 | 346+563+126 = 543+457+732= 234+567+891= | **Incoming 2nd Grade** |
| What two months come after October? How many days do they have together | Draw a pentagon. Draw an oval to the left of the pentagon and a trapezoid to the right of the pentagon. | How much money in.. 5 Quarters? _____ 5 Dimes? _____ 5 Nickels? _____ 5 pennies? _____ | Johnny had 51 cents. He spent 27 cents. How much does he have left? | How much total in 3 quarters and 6 dimes=? | Mary has 5 round and 4 square buttons. What fraction of the buttons are square? | **Summer Homework for FUN** |
| A fisherman caught 24 fish. He gave the same number of fish to 6 of his friends. How many fish did each friend get? | With $1.00 , can Henry buy a 69 cents toy and a 29 cents ball? | The greatest two digit number is___ The greatest two digit even number is___ The greatest three-digit number is____ | 2nd grade classes are going on a trip. 2 classes each have 25 students and one has 23 students. How many students are going on the trip? | 2×4= 3×5= 4×6= 5×9= 6×7= 7×8= 4×6= | Mel had 67¢.Then he was given a quarter by his mom and 43¢ by his dad. How much money does he have now? | |
| Yesterday Bob saw 27 ducks in the park. Today he saw 18 more ducks than yesterday. How many ducks did Bob see in all? | Alex's birthday is on May 10th. Paul's birthday is two weeks later. What is the date of Paul's birthday? | Fred read 21 books last year. Betsy read 14 books. How many more books did Fred read than Betsy? | I am an even number between 0 and 9. I'm less than 6 and more than 3.What number am I? | The game lasted 3 hours and 16 minutes. It began at 1:00 PM. At what time did the game end ? | Bananas are on sale, two for 25¢. How much will 6 bananas cost? | |
| What do a cube and a square pyramid have in common? How are they different? | A box of popcorn cost 50¢. How much will popcorn cost for four children? | The book has 222 pages. I read 185 pages. How many pages are left for me to read? | | | |  |