**Big Apple Academy Mathematics Department**



**2020**

**Summer Homework Math 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”.

Another example: draw two symmetrical shapes like **. .** to show “reflection” );

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

[**http://www.amathsdictionaryforkids.com/MathsChartsPDFs/Operations.pdf**](http://www.amathsdictionaryforkids.com/MathsChartsPDFs/Operations.pdf)

[**https://dynamiclearningmaps.org/sites/default/files/documents/ERP/dlm\_math\_glossary.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 the first school day.

**Have a Great Summer!!**

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| |  | | --- | | **July\_‐‐** |   Dozen    **Monday 29** | Leap Year  Fraction          **Tuesday 30** | Quadrilateral  Perimeter          **Wednesday 1** | Sum  Product  Cone        **Thursday 2** | Bar Graph  Cube  Picture Graph        **Friday 3** | Congruent  Estimate          **Saturday 4** | **Vocabulary** |
| Date  Days of week  Decrease      **6** | Digit Number  Difference      **7** | Addend  Factor      **8** | Even number , Odd number        **9** | Flip  Slide  Turn  **10** | Decade  Word form of the number        **11** | **Summer**  **Home Work for FUN** |
| Sphere  Surface  Face (flat surface)  Rectangular prism      **13** | Vertex  Edge  Angle      **14** | Pentagon  Hexagon  Triangle      **15** | Heptagon  Octagon  Expanded form of a number      **16** | Rhombus  Trapezoid  Diagonal        **17** | Pyramid  Parallelogram  Prism        **18** | **Incoming 2nd Grade** |
| Inch  Foot  Yard  Mile  **20** | Tally  Tally chart      **21** | Number sentence  Meter  Centimeter      **22** | Vertical  Horizontal  Twice      **23** | Doubles  Related facts        **24** | Century  Commutative Property of Addition  **25** |  |

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|  | **July\_** |  | Marta picked 49 red flowers and 133 pink flowers. How many flowers did Marta pick in all?  **Tuesday 30** | | The cook needs a dozen eggs to make a cake. If he has 8 eggs, how many more does he need?    **Wednesday 1** | Four students brought their teacher flowers. If each one gave the teacher 9 flowers, how many did she get?      **Thursday 2** | Jay has 95 cents. He spent a quarter and a dime. How much money does he have left?    **Friday 3** | Carnival ride  tickets are 10 for $1.00. How many can Sue buy for $4.00 ?    **Saturday 4** | | **2nd Grade** | |
| 915‐108=  572‐194=  360‐ 57=  **Monday 29** |
| Rob found a sale on dog food. Each can cost 40 cents. How much did he  pay for five cans?  **6** | | | | 510 ‐ 125 =  3,478+2,795=  700-367=  503-347=  599+385=  **7** | Sara cut five brownies into fourths.  How many pieces did she have?  **8** | 87 students are going on a trip. A bus holds 30 children. How many buses will be needed?  **9** | Write the missing numbers  \_\_\_ 368, 369,\_\_\_,  \_\_\_, \_\_\_  **10** | | Fine the rule and continue the pattern  75, 69, 63,\_\_\_,\_\_\_        **11** | | **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?    **13** | | | | Expand the numbers: 78= \_\_\_+\_\_\_  527=\_\_\_+\_\_\_+\_\_  305= \_\_\_+\_\_\_    **14** | If one week has seven days, how many days are there in seven weeks?        **15** | If Tanya eats 3 pieces of fruit every day, how many days will 18  pieces of fruit last?    **16** | Circle the odd  numbers    23 , 36, 67, 70,  101, 2,009      **17** | | Solve    23 ‐ 7 = 10 + \_\_\_    12 + 9 = 22 ‐ \_\_\_      **18** | |  |
| Write all the even numbers that are more than 30 and  less than 40.    **20** | | | | Count by 5  175, 180,  185,\_\_\_\_,\_\_\_\_,  \_\_\_\_, \_\_\_\_, \_\_\_\_  **21** | Show 3 ways of  making 93 cents.        **22** | In Wilson School, there are 537 students, 309 students are girls. How many boys are in Wilson School?  **23** | 1. hours = \_\_\_min   3years\_\_months   1. days= \_\_\_ hours     **24** | | Kelly wants to give  15 flowers to her three friends. How many flowers will each of them get?  **25** | |  |

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| Fact family Rounding  **Monday 27** | Greater than  Less than  Least  Greatest    **Tuesday 28** | **August**  **Wednesday 29** | Equal parts  Halves  Thirds  Quarters    **Thursday 30** | Hour  Half‐hour  Quarter‐hour      **Friday 31** | Dollar sign ($)  Equation        **Saturday 1** | **Vocabulary** |
| Hour hand,  Minute hand,  Calendar      **3** | a.m.  p.m.  Minute    **4** | Thermometer  Second (a unit of time)  **5** | Regrouping  Place value  **6** | Match  Count on  Count back  **7** | Height  Length  Width      **8** | **Summer**  **Homework for FUN** |
| Distance  Intersect      **10** | Multiplication    Multiple    **11** | Related subtraction facts  Amount of money    **12** | Numerator    Denominator    **13** | Cent  Dollar  Coins  Bills    **14** | Decagon  Symmetry        **15** | **Incoming 2nd Grade** |
| Standard form  Solid figure  **17** | Increase  Number line  Hundred charts      **18** | Rectangular prism Square pyramid Similar = alike      **19** | Compare  Factors      **20** | Number  Operations  Commutative/order property of multiplication  **21** | Different ways of checking your answer  **22** |  |
| Straight  Curved      **24** | Estimate  Related facts      **25** | Right  Left      **26** |  |  |  |  |

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|  | 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?      **Tuesday 28** | August    **Wednesday 29** | Round each number to the nearest ten.  48 - \_\_\_\_  85- \_\_\_\_  51 - \_\_\_\_    **Thursday 30** | Put the numbers in order from greatest to least. 368, 328,338, 358,  348    **Friday 31** | 346+563+126 =    543+457+732=    234+567+891=    **Saturday 1** | **Incoming 2nd Grade** |
| **Monday 27** |
| What two months come after October?  How many days do they have together    **3** | | Draw a pentagon.  Draw an oval to the left of the pentagon and a trapezoid to the right of the pentagon**.**  **4** | | How much money in..  5 Quarters? \_\_\_\_\_\_  5 Dimes? \_\_\_\_\_\_  5 Nickels? \_\_\_\_\_\_  5 pennies? \_\_\_\_\_\_  **5** | Johnny had 51 cents. He spent 27 cents. How much  does he have left?    **6** | How much total in  3 quarters and  6 dimes=?        **7** | Mary has 5 round and 4 square buttons.  What fraction of the buttons are  square?  **8** | **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?    **10** | | With $1.00 , can Henry buy a 69 cents toy and a 29  cents ball?    **11** | | The greatest two digit number is\_\_\_ The greatest two digit even number is\_\_\_ The greatest  three‐digit number  is\_\_\_\_  **12** | 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?  **13** | 2×4=  3×5=  4×6=  5×9=  6×7=  7×8=  *4×6=*    **14** | Mel had 67₵.Then he was given a quarter by his mom and 43₵ by his dad. How much money does he have now?    **15** |  |
| Yesterday Bob saw 27 ducks in the park. Today he saw 18 more ducks than yesterday.  How many ducks did  Bob see in all?  **17** | | Alex’s birthday is on May 10th.  Paul's birthday is two weeks later. What is the date of Paul's birthday?    **18** | | Fred read 21 books last year. Betsy read 14 books. How many more books  did Fred read than  Betsy?  **19** | I am an even number between 0 and 9. I’m less than 6 and more than 3.What number am I?  **20** | The game lasted 3 hours and 16 minutes. It began at 1:00 PM. At what  time did the game  end ?  **21** | Bananas are on sale, two for 25₵. How much will 6 bananas cost?      **22** |  |
| What do a cube and a square pyramid have in common? How are they different?  **24** | | A box of popcorn cost 50₵. How much will popcorn cost for four children?  **25** | | The book has 222 pages. I read 185 pages. How many  pages are left for me to read?  **26** |  |  |  |  |