**Big Apple Academy 2018 Mathematics Department**



 **Grade K 🡪 1 Summer Homework Math Package**

 It is important that you keep practicing your mathematical Knowledge over the summer to be ready for **1st grade**.

 In this Package you will find a calendar of activities for the months of July and August.

 What should you do?

* Use your math notebook for every-day practice. For each day you will need 1 or 2 pages. Write neatly; skip the rows between the lines.
* Start each day with vocabulary words: copy each word from the given day-list, find and write the meaning of each word

 in your notebook. Use the internet to find the meaning of each word you do not know:

 [www.a**mathsdictionaryforkids**.com/**dictionary**.html](http://www.amathsdictionaryforkids.com/dictionary.html)

 You may draw a picture or give an example if the definition is too hard.

* Solve the problem of the day and write the solution with full explanation
* Have the date of the entry. Have a clear and complete answer. Be neat and organized.

 Do not forget to bring your notebook to school on September 4, 2018 - the first school day.

**Have a Great Summer!!**

 **Big Apple Academy Mathematics Department**

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|  **July** **K 🡪1** **Monday** |   **Tuesday**  | **Wednesday**  | **Thursday**  | Solid shape CubePenny **Fridays 29** | DigitNumberNickel **Saturday 30** | **Incoming****1st Grade** |
| CircleSquareDime**2** | RectangleTriangleQuarter**3** | RhombusSideDollar **4** | PentagonHexagon**5** | Angle ConeVertex  **6** | AdditionSubtraction **7** | **Summer Home Work**  |
| PyramidSphere**9** | Fewer thanCylinder**10** | More thanRectangular prism **11** | BehindIn Front**12** | Tally marksTally chart**13** | Equal Parts Double **14** | **Vocabulary** |
| FractionBar graph **16** | Thirds Half/Halves  **17** | FourthsFifths**18** | Second Eighths   **19** | CongruentMinute   **20** | HourDay  **21** |  |
| MonthYear**23** | One BlockTen Block **24** | Greater thanCompare  **25** | In allHow Many More?  **26** | Total LessEach **27** | All TogetherTake Away**28** | davinci.png |

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|  **July\_** **K 🡪1**  **Monday**  |  **Tuesday** |  **Wednesday**  |  **Thursday**  | Compare 34 \_\_ 32 74\_\_4756\_\_19 85\_\_63 Write the numbers 34, 65, 32, 89, 68 in order from least to greatest **.**  **Friday 29** | How many **sides** do a pentagon and a square have all together? How many fewer angles does a triangle have than a hexagon? **Saturday 30** | **Incoming****1st Grade** |
| Draw a circle, a square, and a rectangle. Draw lines to show halves. Draw the shapes again and show thirds. **2** | Nathan has 20 coins. He gives 10 coins away. How many coins does he have left?5 dimes = \_\_\_4 nickels = \_\_\_ **3** | Make a bar graph.“Sports We Like”5 kids like soccer3 kids like tennis4 kids like golf

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| Soccer  |  |  |  |  |  |
| Tennis  |  |  |  |  |  |
| Golf  |  |  |  |  |  |

  | Oliver saved 25 cents. Joe saved 15 cents less than Oliver. How much money did Joe save? How much more did Oliver save? **5**  | Draw a square inside a triangle. Draw a pentagon next to a rectangle. Color ½ of the rectangle and 1/3 of the square.  **6** | My number has 8 ones and 2 tens. My number is\_\_\_ My number has 3 tens and 4 more ones than tens. My number is\_\_\_  **7** | **Summer Home Work**  |
| A boy bought 2 pairs of shoes for $24 each. How much money did he spend?**9** | John has 21 cherries. Jill has 10 fewer than John. How many cherries does Jill have? **10** | Make a bar graph.“Foods we Like”7 like chips9 like tacos3 like French fries **11** | There are 16 boys and 52 girls. How many children are there in all? Is it more than 100?**12** | How many **vertices** do 2 hexagons have together? 4 dogs have \_\_legs, \_\_tails, and \_\_eyes. **13**  | Skip countingBy 2: 14 \_\_ \_\_ \_\_ By 10: 7 \_\_ \_\_ \_\_ By 5: 15 \_\_ \_\_ \_\_ **14**  | **Problem of the day** |
| What 2 coins make 20c? 6c? 15c? 10c?What 3 coins make 20c? 7c? 15c? 11c?What 4 coins = 21?  **16** | The price of a toy boat is $15. Joey has $10. How much more money does he need?**17** | Draw ten blocks and one blocks to find each answer:34+25=\_\_ 78-34=\_6+48=\_\_ 36-34=\_\_ **18** | Sam had 20 coins, he lost all his coins except one dime. How much money does he have?  **19** | A circle is divided into 4 equal parts. Shade 3/4 of it. Shade 1/3 of another circle  **20** | Draw a clock. Show half past 8. What time will be 5 minutes later ?**21** |  |
| Fill in the blanks78<\_\_ 94>\_\_ 45<\_8= \_\_tens, \_\_ones2 tens 8 ones = \_\_\_**23** | What addition fact helps us to find each answer?6+7 9+8 12-614-10 10-8 11-8Write the fact family for the following facts:7+5= \_\_ 8+6= \_\_ **24** | Continue each pattern 6 5 4 3 \_ \_54 56 58 \_\_ \_\_347 346 345 \_\_\_ab1cd3ef5\_ \_ \_ \_ \_5iiii4iii3ii \_ \_ \_13 24 35 \_\_ \_\_ \_\_1 9 2 8 3 7 \_ \_ \_ \_  **25** | Kim had 46 candies. She gave 26 candies away. How many candies does Kim have now? Solve:32+7=\_\_ 45–3=\_\_4+6+8=\_\_ 34-7=\_ 1+9+9=\_ 5+43=\_\_86-65=\_\_ 3+42=\_\_  **26** | Alice has 4 coins. The coins make up 22 cents. What coins does she have?Remember the for house 10 (1+9,2+8,3+7,…), memorize it. **27**   | Find the missing number.63 + \_\_ = 73\_\_ + 8 = 58105 + \_\_ = 1102 more than 28 is \_ 2 fewer than 52 is \_**28**  | davinci.png |
| **August** **K 🡪1**  | Even Odd  **Tuesday 31** | Time Altogether**Wednesday 1** | PictographSurface**Thursday 2** | Sum DoublesDoubles Plus 1 **Friday 3**  | Fact familyPattern **Saturday 4**  | **Incoming****1st Grade** |
| LengthHeightWidth**6** | Skip countingLeast to Greatest**7** | NumberDigit Congruent **8** | Earn Spend How much **9** | ShortShorterCount on**10** | LongLongerCount back**11** | **Summer Home Work**  |
| One FirstLast**13** | TwoTwelveTwentySecond **14** | ThreeThird ThirteenThirty **15** | FourFourthFourteenForty **16** | FiveFifthFifteenFifty **17** | O’Clock Hour HandMinute hand**18** | **Vocabulary** |
| SixteenSixty SeventeenSeventy **20** | EightEighteenEighty **21** | NineNineteenNinety **22** | Most Least Same **23** | Equal Solid shape **24** | Number lineZero**25** |  |
| Number chartBar graph**27** | Ones Tens**28** | Match AdditionSubtraction  **29** | Related Facts**30**   |   |   | davinci.png |

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|  **August-** **K 🡪1** **Monday**  | Bob bought a toy airplane for 42¢ and a toy car for 56¢. How much did he pay in total? Was it more than a dollar?  **Tuesday 31**  | Skip countingBy 2: 7 \_\_ \_\_ \_\_ By 2: 8 \_\_ \_\_ \_\_ By 5: 5 \_\_ \_\_ \_\_ By 5: 75\_\_ \_\_ \_\_ \_By 10: 9\_\_ \_\_ \_\_ \_**Wednesday 1** | 83 + \_\_ = 93\_\_ + 40 = 4697 + \_\_ = 1003 more than 75 is \_ 4 fewer than 64 is \_36 + 2 + 8 =\_\_\_ **Thursday 2** | Study the doubles and doubles plus one.  **Friday 3** | It is 4 o’clock. What time will it be 5 hours from now?3 hours from now? 4 hours from now? **Saturday 4** |  |
| Create a pattern.Use triangles, squares, and circles. Create another pattern. Use numbers and/or letters. **6** | Make a tally chart.“Games We Like”5 kids like tennis12 kids like hide and seek16 kids like tag **7** | How many days in a week? Name them.How many months in a year? Name them.What is today’s dates? **8** | Draw ten blocks and one blocks to find: 75 + 23=\_\_67–64=\_ 6+23=\_Draw a picture to see which problem can’t be solved: 4+5 4-5 5-4 **9** | Write the fact family for the following:2+9=\_\_8+8=\_\_4+6=\_\_ 7+3=\_\_**10**  | Dennis has 7 coins. Yvette has 5 more coins than him. How many coins does Yvette have? How many coins do they have in all? **11** | **Incoming****1st Grade** |
| Ben had 16 apples. He ate 3 apples. How many apples does Ben have now?   **13** | Study and review all the ways to make 10. Write them down.  **14**  | What number comes…After 67Before 100Before 40 **15** | \_\_ and 6 is 8 in all7 and 2 is \_\_ in all4 and \_\_ is 9 in all5 fewer than 45 is \_ 4 more than 26 is \_ **16** | Draw a clock. Show 10:30. What time will it be 5 minutes later? 20 minutes later? 10 min later?  **17** | Review house 10 families. Write the fact family for each double fact, memorize.  **18** | **Summer Home Work** |
| I have four circles. I have two fewer squares than circles. How many squares do I have? How many shapes in all? **20** | Draw a square and divide it into 4 equal parts. How many squares are there in all? **21** | If there are 4 triangles, 3 circles, and 5 stars in a box. Which shape is most likely to get picked? Less likely?  **22**  | Put these numbers in order from least to greatest:- 21, 82, 12, 22- 99, 66, 69, 96- 16, 61, 66, 60**23**  | Mary bought a dress for $40 and a bag for $60. How much more did the bag cost? How much did she pay? **24** | 3 cars have \_\_\_ wheels together. 6 bicycles have \_\_\_ wheels in all.Do 3 cars have more wheels than 6 bicycles?  **25** | **Problem of the day** |
| There are 9 boys and 20 men. How many more men are there? Solve:45+23=\_\_ 6+83=\_\_45-23=\_\_ 10+15=\_\_ **27** | Write the number:- Twelve=\_\_ - Eighty=\_\_- Fifteen=\_\_- Four=\_\_\_ - Eleven=\_\_\_  **28** | Ann had 12 apples and 37 bananas. How many more bananas were there than apples? How many total fruits? **29** |  **Create your own problem and solve it!****Good luck!****30** |  |   | davinci.png |