Big Apple Academy   **Mathematics Department**

2017

Grade 1 → 2 Summer Homework Math Package

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 . . to show "reflection");
- You may use the internet to find the meaning of each word you do not know:

    www.a**mathsdictionaryforkids**.com/**dictionary**.html

- 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 5, 2017- the first school day.

Have a Great Summer!!

Big Apple Academy   Mathematics   Department

July / Line of symmetry / Dozen **Monday 3**	Leap Year / Fraction **Tuesday 4**	Quadrilateral / Perimeter **Wednesday 5**	Sum / Product / Cone **Thursday 6**	Bar Graph / Quadrilateral / Picture Graph **Friday 7**	Congruent / Estimate **Saturday 8**	**Vocabulary**
Date / Days of week / Decrease **10**	Digit / Number / Difference **11**	Addend / Factor **12**	Even number / Odd number **13**	Flip / Slide / Turn **14**	Difference / Translation **15**	**Summer Home Work for FUN**
Sphere / Surface / Face (flat surface) / Cube **17**	Vertex / Edge / Standard form of a number **18**	Pentagon / Hexagon / Word form of a number **19**	Heptagon / Octagon / Expanded form of a number **20**	Rhombus / Trapezoid / Diagonal **21**	Pyramid / Parallelogram / Prism **22**	**Incoming 2nd Grade**
Inch / Foot / Yard / Mile **24**	Tally / Tally chart **25**	Number sentence / Meter / Centimeter **26**	Vertical / Horizontal / Twice **27**	Doubles / Related facts **28**	Certain / Impossible **29**	

Big Apple Academy   Mathematics Department

July	Marta picked 49 red flowers and 133 pink flowers. How many flowers did Marta pick in all?	The cook needs a dozen eggs to make a cake. If he has 8 eggs, how many more does he need?	Four students brought their teacher flowers. If each one gave the teacher 9 flowers, how many did she get?	Jay has 95 cents. He spent a quarter and a dime. How much money did he have left?	Carnival ride tickets are 10 for $1.00. How many can Sue buy for $4.00 ?	**Incoming 2nd Grade**
915-108= 572-194= 60-57= **Monday 3**	**Tuesday 4**	**Wednesday 5**	**Thursday 6**	**Friday 7**	**Saturday 8**	
Rob found a sale on dog food. Each can cost 40 cents. How much did he pay for five cans? **10**	510 - 125 = 402 - 252 = 700 - 650 = **11**	Sara cut five brownies into fourths. How many pieces did she have? **12**	87 students are going on a trip. A bus holds 30 children. How many buses will be needed? **13**	Write the missing numbers ___ 368, 369,___, ___, ___ **14**	Fine the rule and continue the pattern 75, 69, 63,___,___ **15**	**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? **17**	Expand the numbers: 78 = ___+___ 527=___+___+__ 305= ___+___ **18**	If one week has seven days, how many days are there in seven weeks? **19**	If Tanya eats 3 pieces of fruit every day, how many days will 18 pieces of fruit last ? **20**	Circle the odd numbers 23, 36, 67, 70, 101, 2009 **21**	Solve 23 - 7 = 10 + ___ 12 + 9 = 22 - ___ **22**	
Write all the even numbers that are more than 30 and less than 40. **24**	Count by 5 175, 180, 185,____,____, ____, ____, ____ **25**	Show 3 ways of making 93 cents. **26**	Joe and his friends share one sandwich. Each boy eats 1/6. How many boys shared the sandwich? **27**	3 hours = ___min 3years=__months 4 days= ___ hours **28**	Kelly wants to give 15 flowers to her three friends. How many flowers will each of them get? **29**	

Big Apple Academy   Mathematics   Department

August	Greater than Less than Least Greatest	Fact family Rounding	Equal parts Halves Thirds Quarters	Halves Half-hour Quarter-hour	Units of time	**Vocabulary**
Monday 31	**Tuesday 1**	**Wednesday 2**	**Thursday 3**	**Friday 4**	**Saturday 5**	
Hour hand, Minute hand, Calendar 7	a.m. p.m. before after 8	One-blocks hundred blocks ten-blocks, Regrouping for addition 9	Regrouping for subtraction (with and without a picture) 10	Match Count on Count back 11	Height Length Width 12	**Summer Home Work for FUN**
Distance Intersect 14	Related addition facts Coins 15	Related subtraction facts Amount of money 16	Key for the pictograph Pattern 17	Cent Dollar Coins Bills 18	Hours/min later Hours/min before 19	**Incoming 2nd Grade**
Ones, tens, hundreds, thousands 21	Increase Number line Hundred chart 22	Rectangular prism Square pyramid Similar = alike 23	Compare Order property 24	Number operations Commutative/order property 25	Different ways of checking your answer 26	
Straight Curved 28	Estimate Related facts 29	Right Left 30				

Big Apple Academy   Mathematics Department

August	What do a cone and a sphere have in common? How are they different?	Kevin's birthday is in 3 weeks and 4 days. How many days until his birthday?	Round each number to the nearest ten. 348 ____ 485 ____ 251 ____	Put the numbers in order from greatest to least. 368, 328,338, 358, 348	346+563+126 = 543+457+732=	**Incoming 2nd Grade**
2 thousands, 5 hundreds, 6 ones = 5 ones and 3 hundreds= **Monday 31**	**Tuesday 1**	**Wednesday 2**	**Thursday 3**	**Friday 4**	**Saturday 5**	
What two months come after October? How many days do they have together? **7**	Draw a pentagon. Draw an oval to the left of the pentagon and a trapezoid to the right of the pentagon. **8**	How much money 5 Quarters? 5 Dimes? 5 Nickels? 5 pennies=1_____ **9**	Johnny had 51 cents. He spent 27 cents. How much does he have left? **19**	How much? 3 quarters and 6 dimes=? **19**	Mary has 5 round and 4 square buttons. What fraction of the buttons are square? **12**	**Summer Home Work for FUN**
Find the answer. Check by rounding 348 + 296 = 595 - 478 = 835 – 397 = **14**	With $1.00 , can Henry buy a 69 cents toy and a 29 cents ball? **15**	The greatest two-digit number is___ The greatest two-digit even number is___ The greatest three-digit number is____ **16**	What time will be quarter-hour later then 2:45? -then 6:15? -then 5:30? -then 8:55? **17**	Draw each line segment 1 in ,3 in, 7 in, 5cm, 12 cm **18**	How many inches are in 2 feet? I eat at 1:30 __.m. Noon=__:__ __.m. **19**	
Yesterday Bob saw 7 ducks in the park. Today he saw 8 more ducks than Yesterday. How many ducks did Bob see in all? **21**	Alex' birthday is on May 10th. Paul's birthday is two weeks later. What is the date of Paul's birthday? **22**	Fred read 21 books last year. Betsy read 14 books. How many more books did Fred read than Betsy? **23**	Continue the patterns. Write the rules 97 105 113 ___ rule:_____ 277 256 235 ____ rule:_____ **24**	The game lasted 3 hours and 16 minutes. It began at 1:00. At what time did the game end ? **25**	3 503 1,003 ___ rule:_____ I am a two-digit number with 5 ones and 3 more tens then ones. I am ____ **26**	
What do a cube and a square pyramid have in common? How are they different? **28**	Sam	o o	o=3 Tim	ooo	cars How many more cars does Tim have? **29**	The book has 222 pages. I read 185 pages. How many pages is left for me to read? **30**				