



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.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 1, 2015 - the first school day.

Have a Great Summer!!

Big Apple Academy

Mathematics Department

<p>July</p> <p>K → 1</p>	<p>Tuesday</p>	<p>Coin Blocks of tens and ones</p> <p>Wednesday 1</p>	<p>Solid shape Cube Penny</p> <p>Thursday 2</p>	<p>Digit Number Nickel</p> <p>Fridays 3</p>	<p>Circle Square Dime</p> <p>Saturday 4</p>	<p>Incoming 1st Grade</p>
<p>Rectangle Triangle</p> <p>6</p>	<p>Pentagon Hexagon</p> <p>7</p>	<p>Rhombus Side</p> <p>8</p>	<p>Angle Fifths</p> <p>9</p>	<p>How much Sevenths</p> <p>10</p>	<p>Addition Cone</p> <p>11</p>	<p>Summer Home Work</p>
<p>Subtraction Sphere</p> <p>13</p>	<p>Fewer than Cylinder</p> <p>14</p>	<p>More than Rectangular prism</p> <p>15</p>	<p>Behind In Front First</p> <p>16</p>	<p>Tally marks Tally chart</p> <p>17</p>	<p>Equal Parts Double</p> <p>18</p>	<p>Vocabulary</p>
<p>Half /halves Bar graph</p> <p>20</p>	<p>Thirds Dollar</p> <p>21</p>	<p>Fourths Length</p> <p>22</p>	<p>Second Congruent</p> <p>23</p>	<p>Fraction Minute</p> <p>24</p>	<p>Hour Day</p> <p>25</p>	
<p>Month Year</p> <p>27</p>	<p>Ones , Tens One block, ten block</p> <p>28</p>	<p>Greater than Compare</p> <p>29</p>	<p>In all Quarter</p> <p>30</p>	<p>Time Altogether</p> <p>31</p>		

<div style="background-color: black; color: white; padding: 5px; text-align: center; font-size: 24px; font-weight: bold;">July</div> <p style="text-align: center; font-size: 24px; font-weight: bold;">K → 1</p> <p style="text-align: center; font-weight: bold;">Monday</p>	<p style="text-align: center; font-weight: bold;">Tuesday</p>	<p style="text-align: center; font-weight: bold;">Wednesday 1</p>	<p style="text-align: center; font-weight: bold;">Thursday 2</p>	<p style="text-align: center; font-weight: bold;">Friday 3</p>	<p style="text-align: center; font-weight: bold;">Saturday 4</p>	<p style="text-align: center; font-weight: bold;">Incoming 1st Grade</p>																								
<p>Draw a circle, a square, and a rectangle. Draw lines to show halves. On the next same picture, show thirds 6</p>	<p>Nathan has 33 coins. He gives 14 coins away. How many coins does he have left? 5 dimes = ____ 5 nickels = ____ 7</p>	<p>Find the missing number. 63 + ____ = 71 ____ + 8 = 58 104 + ____ = 110 3 more than 28 is ____ 4 fewer than 52 is ____</p> <p style="text-align: center; font-weight: bold;">Wednesday 1</p> <p>Make a bar graph. "Sports We Like" 6 kids like soccer 3 kids like tennis 4 kids like golf</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="padding: 2px;">Soccer</td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> </tr> <tr> <td style="padding: 2px;">Tennis</td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> </tr> <tr> <td style="padding: 2px;">Golf</td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> <td style="width: 15px;"> </td> </tr> </table>	Soccer									Tennis								Golf								<p>Bob bought a toy airplane for 42 c and a toy car for 56c. How much did he pay? Was it more than a dollar?</p> <p style="text-align: center; font-weight: bold;">Thursday 2</p> <p>Oliver saved 25 cents. Joe saved 15 cents less than Oliver. How much money did Joe save? How much more did Oliver save? 9</p>	<p>Compare 34 __ 32 74 __ 47 56 __ 19 85 __ 63 Write the numbers 34, 65, 32, 89, 68 in order least to greatest</p> <p style="text-align: center; font-weight: bold;">Friday 3</p> <p>Draw a square inside a triangle. Draw a pentagon next to a rectangle. Color 1/2 of the rectangle and 1/3 of the square 10</p>	<p>How many sides do a pentagon and a square have in all? How many fewer angles does a triangle have than a hexagon has?</p> <p style="text-align: center; font-weight: bold;">Saturday 4</p> <p>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 ____ 11</p>
Soccer																														
Tennis																														
Golf																														
<p>A boy bought 2 pairs of shoes for \$24 each. How much money did he spend? 13</p>	<p>John has 21 cherries. Jill has 9 fewer than John. How many cherries does Jill have? 14</p>	<p>Make a bar graph. "Food we Like" 7 like chips 9 like tacos 3 like French fries 15</p>	<p>There are 16 boys and 52 girls. How many children are there in all? Is it more than 100? 16</p>	<p>How many vertices do 3 hexagons have together? 4 dogs have __ legs, __ tails, and __ eyes. 17</p>	<p>Skip counting By 2: 14 __ __ __ __ By 4: 12 __ __ __ __ By 7: 7 __ __ __ __ By 5: 15 __ __ __ __ 18</p>	<p style="text-align: center; font-weight: bold;">Problem of the day</p>																								
<p>What 2 coins make 20c? 6c? 15c? 10c? What 3 coins make 20c? 7c? 15c? 11c? What 4 coins = 21? 20</p>	<p>The price of a toy boat is \$15. Joey has \$10. How much more does he need? 21</p>	<p>Draw ten blocks and one blocks to find each answer: 34+25= __ 78-34= __ 6+48= __ 36-34= __ 22</p>	<p>Sam had 20 coins, he lost all his coins except one dime. How much money does he have? 23</p>	<p>A circle is divided into 4 equal parts. Shade 3/4 of it. Shade 1/3 of another circle 24</p>	<p>Look at the clock. Write the time. Do so 6 times today. Then jump for 10 seconds and count on for 1minute. 25</p>																									
<p>Fill the blanks 78 < __ 94 > __ 45 < __ 8 = __ tens, __ ones 2 tens 8 ones = __ 34+7= __ 45-3= __ 4+6+8= __ 34-7= __ 8+9+9= __ 5+43= __ 86-65= __ 3+42= __ 27</p>	<p>What addition fact helps us to find each answer? 6+7 9+8 12-6 <u>14-10 10-8 11-8</u> Write the fact family for 5+6= __ For 7+5=, for 6+3= 28</p>	<p>Continue each pattern 6 5 4 3 __ 54 56 58 __ __ 347 346 345 __ ab1cd3ef5 _____ 5iiii4iii3ii _____ 13 24 35 _____ 1 9 2 8 3 7 _____ 29</p>	<p>Write the fact family for 5+6= __ <u>For 7+5= for 6+3=</u> Kim had 46 candies. She gave 26 candies away. How many candies does Kim have now? 30</p>	<p>Alice has 4 coins. The coins make up 22 cents. What coins does she <u>have?</u> Remember house 10 (1+9,2+8,3+7,...), memorize it. 31</p>																										

August K → 1	Tuesday	Wednesday	Thursday	Friday	Saturday 1	Incoming 1st Grade
Order least to greatest Doubles plus one 3	Order greatest to least Skip counting 4	Number Digit Congruent 5	Earn Spend How much 6	Short, shorter Count on 7	Long, longer Count back 8	Summer Home Work
Ten One First 10	Two Twelve Twenty Second 11	Three Third Thirteen Thirty 12	Four Fourth Fourteen Forty 13	Five Fifth Fifteen Fifty 14	O'Clock Hour Hand Minute hand 15	Vocabulary
Sixteen Sixty Seventeen Seventy 17	Eight Eighteen Eighty 18	Nine Nineteen Ninety 19	Most Least Same 20	Equal Solid shape 21	Number line Related facts 22	
Number chart Bar graph 24	Can I buy it? Ones , Tens 25	Match Addition Subtraction 26	Missing numbers Tally marks Surface 27	Fill in Related facts Fact family 28	Sum Compare Doubles 29	

August

K → 1
Monday

Tuesday

Wednesday

Thursday

Friday

Saturday 1

It is 4 o'clock. What time will it be 5 hours from now?
3 hours from now?
4 hours from now?

Create a pattern. Use triangles, squares, and circles. Create another pattern. Use numbers and/or letters.

3

Make a tally chart. "Games We Like"
5 kids like tennis
12 kids like hide and seek
26 kids like tag

4

How many days make a week? Name them.
How many months make a year? Name them
What date is it?

5

Draw ten blocks and one blocks to find:
 $75 + 23 = \underline{\quad}$
 $67 - 64 = \underline{\quad}$ $6 + 23 = \underline{\quad}$
Draw a picture to see what can't be done:
 $4 + 5$ $4 - 5$ $5 - 4$

6

Write the fact family for $2 + 6 = \underline{\quad}$
For $7 + 8 =$ for $4 + 6 =$
Draw a square and divide it into 4 equal squares. How many squares are there in all? 7

7

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? 8

8

Incoming 1st Grade

Ben had 16 apples. He ate 3 apples. How many apples does Ben have now?

10

Write the fact family for each fact from house ten ($1 + 9, 2 + 8, 3 + 7, \dots$), memorize all the families 11

11

After 67 is
Before 100 is
Review all the fact families about house ten 12

12

 and 6 is 8 in all
7 and 2 is in all
4 and is 9 in all
7 fewer than 45 is
6 more than 26 is 13

13

Draw a clock. Show 10:25. What time will it be 5 minutes later? 2 minutes later? 10 min later? 14

14

Review house 10 families. Write the fact family for each double fact, memorize. 15

15

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? 17

17

Write the fact family for each double plus one fact, memorize. 18

18

Make a tally chart "Food we Like"
7 like chips
9 like tacos
3 like French fries
how many kids like the food? 19

19

Write the numbers 86 25 64 82 in order from greatest to least.
Review house ten and doubles plus 1 families 20

20

Mary bought a dress for \$60 and a bag for \$90. How much more did the bag cost? How much did she pay? 21

21

3 cars have wheels together.
8 bicycles have wheels in all.
Do 3 cars have more wheels than 8 bicycles? 22

22

Problem of the day

There are 9 boys and 50 men. How many more men are there?
 $45 + 23 = \underline{\quad}$ $6 + 83 = \underline{\quad}$
 $45 - 23 = \underline{\quad}$ $63 - 5 = \underline{\quad}$ 24

24

Twelve = Eighty =
Fifteen = Four =
Eleven = Sixty =
Hundred = One =
Ninety two =
Thirty seven = 25

25

Ann had 12 apples and 37 bananas. How many more bananas were there? How many fruits were there? 26

26

Skip counting
By 2: 7
By 4: 8
By 6: 6
By 5: 85
By 10: 9 27

27

$87 + \underline{\quad} = 93$
 $\underline{\quad} + 40 = 46$
 $97 + \underline{\quad} = 102$
3 more than 75 is
4 fewer than 62 is
 $36 + 2 + 8 = \underline{\quad}$ 28

28

Review house 10 families, doubles families, doubles plus one families, memorize. 29

29