

**Big Apple Academy
2021
Mathematics Department**





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”. 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>

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 9, 2021 the first school day.

Have a Great Summer!!


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<div style="background-color: black; color: white; padding: 5px; text-align: center; font-weight: bold; font-size: 24px;">July</div> <p>Dozen</p> <p style="text-align: right;">Monday 28</p>	<p>Leap Year Fraction</p> <p style="text-align: right;">Tuesday 29</p>	<p>Quadrilateral Face</p> <p style="text-align: right;">Wednesday 30</p>	<p>Sum Product Cone</p> <p style="text-align: right;">Thursday 1</p>	<p>Bar Graph Cube Picture Graph</p> <p style="text-align: right;">Friday 2</p>	<p>Estimate</p> <p style="text-align: right;">Saturday 3</p>	<p style="text-align: center;">Vocabulary</p>
<p>Date Days of week Decrease</p> <p style="text-align: right;">5</p>	<p>Digit Number Difference</p> <p style="text-align: right;">6</p>	<p>Addend Compensation</p> <p style="text-align: right;">7</p>	<p>Even number , Odd number</p> <p style="text-align: right;">8</p>	<p>Flip Slide Turn</p> <p style="text-align: right;">9</p>	<p>Decade Word form of the number</p> <p style="text-align: right;">10</p>	<p style="text-align: center;">Summer Home Work for FUN</p>
<p>Sphere Surface Face (flat surface) Rectangular prism</p> <p style="text-align: right;">12</p>	<p>Vertex Edge Angle</p> <p style="text-align: right;">13</p>	<p>Pentagon Hexagon Triangle</p> <p style="text-align: right;">14</p>	<p>Heptagon Octagon Expanded form of a number</p> <p style="text-align: right;">15</p>	<p>Rhombus Trapezoid</p> <p style="text-align: right;">16</p>	<p>Pyramid Parallelogram Prism</p> <p style="text-align: right;">17</p>	<p style="text-align: center;">Incoming 2nd Grade</p>
<p>Inch Foot Yard Mile</p> <p style="text-align: right;">19</p>	<p>Tally Tally chart</p> <p style="text-align: right;">20</p>	<p>Number sentence Meter Centimeter</p> <p style="text-align: right;">21</p>	<p>Vertical Horizontal Twice</p> <p style="text-align: right;">22</p>	<p>Doubles Related facts</p> <p style="text-align: right;">23</p>	<p>Century Commutative Property of Addition</p> <p style="text-align: right;">24</p>	


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July							2nd Grade
<p>915-108= 572-194= 360- 57=</p> <p>Monday 28</p>	<p>Marta picked 49 red flowers and 133 pink flowers. How many flowers did Marta pick in all?</p> <p>Tuesday 29</p>	<p>The cook needs a dozen eggs to make a cake. If he has 8 eggs, how many more does he need?</p> <p>Wednesday 30</p>	<p>Four students brought their teacher flowers. If each one gave the teacher 9 flowers, how many did she get?</p> <p>Thursday 1</p>	<p>Jay has 95 cents. He spent a quarter and a dime. How much money does he have left?</p> <p>Friday 2</p>	<p>Carnival ride tickets are 10 for \$1.00. How many can Sue buy for \$4.00 ?</p> <p>Saturday 3</p>		
<p>Rob found a sale on dog food. Each can cost 40 cents. How much did he pay for five cans?</p> <p>5</p>	<p>510 - 125 = 478+795= 700-367= 503-347= 599+385=</p> <p>6</p>	<p>Sara cut five brownies into fourths. How many pieces did she have?</p> <p>7</p>	<p>87 students are going on a trip. A bus holds 30 children. How many buses will be needed?</p> <p>8</p>	<p>Write the missing numbers ___ 368, 369, ___, ___, ___</p> <p>9</p>	<p>Fine the rule and continue the pattern 75, 69, 63, ___, ___</p> <p>10</p>	Summer Home Work for FUN	
<p>Tickets cost \$3 for children and \$7 for adults. How much will a family of 3 children and 2 adults pay?</p> <p>12</p>	<p>Expand the numbers: 78= ___+___ 527= ___+___+___ 305= ___+___</p> <p>13</p>	<p>If one week has seven days, how many days are there in seven weeks?</p> <p>14</p>	<p>If Tanya eats 3 pieces of fruit every day, how many days will 18 pieces of fruit last?</p> <p>15</p>	<p>Circle the odd numbers 23 , 36, 67, 70, 101, 2,009</p> <p>16</p>	<p>Solve 23 - 7 = 10 + ___ 12 + 9 = 22 - ___</p> <p>17</p>		
<p>Write all the even numbers that are more than 30 and less than 40.</p> <p>19</p>	<p>Count by 5 175, 180, 185, ___, ___, ___, ___, ___</p> <p>20</p>	<p>Show 3 ways of making 50 cents.</p> <p>21</p>	<p>In Wilson School, there are 537 students, 309 students are girls. How many boys are in Wilson School?</p> <p>22</p>	<p>3 hours = ___min 3 years months 4 days= ___ hours</p> <p>23</p>	<p>Kelly wants to give 15 flowers to her three friends. How many flowers will each of them get?</p> <p>24</p>		


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Family facts Rounding	Greater than Less than Least Greatest	August	Equal parts	Hour Half-hour Quarter-hour	Dollar sign (\$) Equation	Vocabulary
Monday 26	Tuesday 27	Wednesday 28	Thursday 29	Friday 30	Saturday 31	
Hour hand, Minute hand, Calendar	a.m. p.m. Minute	Second (a unit of time)	Regrouping Place value	Match Count on Count back	Height Length Width	Summer Homework for FUN
2	3	4	5	6	7	
Word form Less than	Multiplication Multiple	Related subtraction facts Amount of money	Break Apart Mental math	Cent Dollar Coins Bills	Decagon Symmetry	Incoming 2nd Grade
9	10	11	12	13	14	
Standard form Solid figure	Increase Number line Hundred charts	Rectangular prism Square pyramid Similar = alike	Compare Factors	Number Operations Commutative/order property of multiplication	Different ways of checking your answer	
16	17	18	19	20	21	
Straight Curved	Estimate Related facts	Right Left	Equals Greater than	Halves Thirds Fourths	Bar graph Symbol	
23	24	25	26	27	28	

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<p>Kevin's birthday is in 3 weeks and 4 days. How many days until his birthday?</p> <p>Monday 26</p>	<p>What do a cone and a sphere have in common? How are they different?</p> <p>Tuesday 27</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;">  </div> <p>Wednesday 28</p>	<p>Round each number to the nearest ten.</p> <p>48 - ____ 85 - ____ 51 - ____</p> <p>Thursday 29</p>	<p>Put the numbers in order from greatest to least.</p> <p>368, 328, 338, 358, 348</p> <p>Friday 30</p>	<p>346+563+126 = 543+457+732= 234+567+891=</p> <p>Saturday 31</p>	<p style="text-align: center;">Incoming 2nd Grade</p>
<p>What two months come after October? How many days do they have together?</p> <p style="text-align: right;">2</p>	<p>Draw a pentagon. Draw an oval to the left of the pentagon and a trapezoid to the right of the pentagon.</p> <p style="text-align: right;">3</p>	<p>How much money in.. 5 Quarters? ____ 5 Dimes? ____ 5 Nickels? ____ 5 pennies? ____</p> <p style="text-align: right;">4</p>	<p>Johnny had 51 cents. He spent 27 cents. How much does he have left?</p> <p style="text-align: right;">5</p>	<p>How much total in 3 quarters and 6 dimes=?</p> <p style="text-align: right;">6</p>	<p>Mary has 5 round and 4 square buttons. What fraction of the buttons are square?</p> <p style="text-align: right;">7</p>	
<p>A fisherman caught 24 fish. He gave the same number of fish to 6 of his friends. How many fish did each friend get?</p> <p style="text-align: right;">9</p>	<p>With \$1.00, can Henry buy a 69 cents toy and a 29 cents ball?</p> <p style="text-align: right;">10</p>	<p>The greatest two digit number is ____ The greatest two digit even number is ____ The greatest three-digit number is ____</p> <p style="text-align: right;">11</p>	<p>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?</p> <p style="text-align: right;">12</p>	<p>2x4= 3x5= 4x6= 5x9= 6x7= 7x8= 4x6=</p> <p style="text-align: right;">13</p>	<p>Mel had 67¢. Then he was given a quarter by his mom and 43¢ by his dad. How much money does he have now?</p> <p style="text-align: right;">14</p>	
<p>Yesterday Bob saw 27 ducks in the park. Today he saw 18 more ducks than yesterday. How many ducks did Bob see in all?</p> <p style="text-align: right;">16</p>	<p>Alex's birthday is on May 10th. Paul's birthday is two weeks later. What is the date of Paul's birthday?</p> <p style="text-align: right;">17</p>	<p>Fred read 21 books last year. Betsy read 14 books. How many more books did Fred read than Betsy?</p> <p style="text-align: right;">18</p>	<p>I am an even number between 0 and 9. I'm less than 6 and more than 3. What number am I?</p> <p style="text-align: right;">19</p>	<p>The game lasted 3 hours and 16 minutes. It began at 1:00 PM. At what time did the game end?</p> <p style="text-align: right;">20</p>	<p>Bananas are on sale, two for 25¢. How much will 6 bananas cost?</p> <p style="text-align: right;">21</p>	
<p>Emily makes 43 backpack charms and some friendship bracelets. She makes 70 items in all. How many friendship bracelets does Emily make?</p> <p style="text-align: right;">23</p>	<p>A box of popcorn cost 50¢. How much will popcorn cost for four children?</p> <p style="text-align: right;">24</p>	<p>The book has 222 pages. I read 185 pages. How many pages are left for me to read?</p> <p style="text-align: right;">25</p>	<p>Ben finds 158 river rocks. His sister finds 396 river rocks. How many river rocks do they find?</p> <p style="text-align: right;">26</p>	<p><u>What is the difference?</u> 400-165= 903-295=</p> <p style="text-align: right;">27</p>	<p>9x7= 8x8= 4x7= 5x12= 8x4= 6x6=</p> <p style="text-align: right;">28</p>	